

WORLD GLAUCOMA CONGRESS

Singapore, July 18-21, 2007

PROGRAM BOOK



Organized by

The Association of International Glaucoma Societies

The Global Glaucoma Network

WORLD GLAUCOMA CONGRESS

PROGRAM BOOK



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Disclaimer

The Association of International Glaucoma Societies (AIGS) organizes the World Glaucoma Congress with the aim of providing education and scientific discourse in the field of glaucoma. The AIGS accepts no responsibility for any products, presentations, opinions, statements or positions expressed by speakers at the congress. Inclusion of material in the scientific program does not constitute an endorsement by AIGS.

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The Association of International Glaucoma Societies (AIGS) The Global Glaucoma Network

The AIGS is an independent, impartial, ethical, global organization for glaucoma science and care.

The AIGS Mission

To optimise the quality of glaucoma science and care through communication and co-operation among International Glaucoma Societies, with Glaucoma Industries, Glaucoma Patient Organizations and all others in the glaucoma community.

The AIGS Vision

Curiosity, creativity, quality, integrity are essential ingredients for science and care. The AIGS is the first global subspecialty effort involving all stakeholders: ophthalmologists, other eye specialists, industrialists and patients.

The AIGS Goals

- Unite
- Communicate
- Meet
- Create personal contact
- Support
- Inform
- Guide
- Educate
- Investigate
- Aim for quality

The AIGS aims at organizing top-quality meetings for General Ophthalmologists, Members of the Glaucoma Societies and for all other health professionals with an interest in glaucoma.

The WGC scientific interaction will be based on the AIGS Code of Practice, the AIGS Global Guidelines on Reporting and Publishing, and the AIGS Global Guidelines on Quality and Quantity of Glaucoma Meetings (see **www.globalaigs.org**) which were conceived by committees involving both glaucomatologists and industry experience.

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NON-SMOKING POLICY

Please be informed that the World Glaucoma Congress is a non-smoking congress: the congress committees thank all participants to refrain from smoking in the congress venue.



MOBILE PHONES

We kindly request to all participants to keep mobile phones turned off in the conference area and especially in the meeting rooms during the scientific sessions.

CME Credits

The 2nd World Glaucoma Congress is accredited by the European Accreditation Council for Continuing Medical Education (EACCME). The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The World Glaucoma Congress is designated for a maximum of 21 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

EACCME credits are recognized by the American Medical Association towards the Physician's Recognition Award (PRA). To convert EACCME credit to AMA PRA category 1 credit, contact the AMA.

The following national Glaucoma Societies have agreed to apply CME accreditation for their local doctors who have attended the World Glaucoma Congress. Participants are requested to submit a copy of the Certificate of Attendance to the appropriate institute:

- Australia/New Zealand: Royal Australian and New Zealand College of Ophthalmologists.
- China: Participants can claim CME in their hospital using the Certificate of Attendance.
- Malaysia: Malaysian Medical Association.
- Singapore: Singapore Medical Council.
- Taiwan: Ophthalmological Society of Taiwan.
- Thailand: The Royal College of Ophthalmologists of Thailand.

Program Description & Needs Assessment

Glaucoma patients comprise at least 20% of the patients seen in general ophthalmic practice. With new research findings and the constantly evolving advances in diagnostic and treatment techniques it is imperative that the general ophthalmologist constantly updates his/her knowledge in the diagnosis and treatment of glaucoma. In didactic lectures and courses the World Glaucoma Congress, with its faculty of over 180 international glaucoma experts, will address the latest developments in the field of glaucoma.

Learning Objectives

Upon completion of this educational activity, attendees should have a better understanding of the latest developments in glaucoma diagnosis and therapy and be able to apply this knowledge to the treatment of their glaucoma patients, thus providing a higher level of patient care.

Target Audience

General ophthalmologists and glaucoma specialists.

Welcome by the president of the AIGS

Dear Colleagues,

With great pleasure and anticipation, and on behalf of the Association of International Glaucoma Societies, its Board of Governors and its Organizing Committee, I welcome you to the Second World Glaucoma Congress.



Planning for this meeting to be as successful as was the Inaugural World Glaucoma Congress held in Vienna in 2005, we have added significantly to its attractions for attendees to make it an unforgettable experience, both professionally and personally.

Besides sessions, workshops and courses by leading glaucoma experts from around the globe, allowing comprehensive ophthalmologists an opportunity to update their glaucoma knowledge, understanding and skills as effortlessly as possible, you will find parallel research and advanced glaucoma treatment programs, basic and clinical science sessions, topic discussion symposia and video surgery sessions. Thoughtful interaction will be encouraged and should be stimulating.

We aim for you to return home enriched and upskilled across the spectrum of glaucoma management, allowing you to offer a real difference in care to your glaucoma patients.

As our host city, Singapore offers convenience and comfort with magnificent Oriental hospitality, and a touch of the exotic. We hope the Social program will enable reinforcement of old friendships and creation of new ones.

Thank you for joining us for what we trust will be a meeting to remember for always, in a delightful setting with gracious hosts.

Ivan Goldberg
Sydney, Australia

Welcome by the Glaucoma Surgeons Singapore and Local Organizing Committee

Dear friends and colleagues,

I would like to welcome everyone to the World Glaucoma Congress. We once again have the opportunity to meet and share the knowledge that we have accumulated in our respective areas.

What has begun as a mission to treat this set of diseases according to a set of published modalities a decade or two ago, we now look at with new eyes.

As we progress, we find that there are great disparities in response to the same treatment regime we administer to any glaucomatous condition. We are finding increasingly compelling evidence that one disease does not succumb to the simple formula of a single rigid definition. Our friends in Europe treat primary open angle glaucoma with eye drops, yet in Singapore, we often have to treat the same disease with tubes.

Perhaps our latest and most significant question is: why are our patients responding differently, just because they come from a different country or region? Why should they respond better or more poorly because they are Asian, or Caucasian, or African?

As we spend the next few days attending the various courses, workshops and symposia, I encourage everyone to bear these questions in mind. It is a new challenge for an old adversary and it is my sincere hope that you will find this congress illustrative of the disease variances in Asia.

I wish all of you an enriching and fruitful congress. Thank you.

Paul Chew



When you say that you agree in principle, you mean that you have not the slightest intention of carrying it out.

Otto von Bismarck

SCIENTIFIC PROGRAM



The number behind the time indication in the day-to-day program (e.g., D001 etc.) refers to the abstract numbers in the following categories:

- D = Didactic Sessions
- B = Basic Clinical Science Session
- CO = Courses
- L = Laser Sessions
- S = Symposia
- DB = Combined Didactic Morning and Basic & Clinical Science Session
- C = Closing Session

For descriptions and outlines of Symposia and Courses we refer to the separate Abstracts book.

WEDNESDAY JULY 18, 2007

10.00–11.00 a.m. SYMPOSIA

10.00–11.00 a.m.

(S01) Symposium 1

DEBATE – Health economics 1: Quality of life

J. Burr (chair), R. Varma (chair), R. Mills, A. Viswanathan, R. Parrish, H. Quigley, A. Tuulonen (supervising chairs)

Participants in all 3 Health Economics Symposia: S. Mansberger, F. Medeiros, G. Kobelt, S. Kymes, R. Parrish, A. Viswanathan, R. Mills, P. Healey, R. George, K. Frick, M. Jofre-Bonet, H. Mishima, R. Varma, J. Burr, J. Thygesen, C. Traverso, A. Heijl, A. Azuara Blanco, R. Hitchings, A. Pleil, J. Walt, P. Buchholz, J. Doyle, M. Brown (preparation only)

10.00–11.00 a.m.

(S02) Symposium 2

Glaucoma Patient Organizations

I. Goldberg (chair), G. Lambrou (chair), R. Ritch (chair)

11.00–12.00 a.m. Ball Room: GLOBAL ASSEMBLY

11.00–11.10	Opening Newly joined Glaucoma Societies since Vienna I. Goldberg
11.10–11.15	Past –Present –Future E. Greve
11.15–11.20	Glaucoma Societies R. Wilson, E. Greve
11.20–11.25	Glaucoma Patient Organizations R. Ritch
11.25–11.30	World Glaucoma Day G. Lambrou
11.30–11.35	Consensus: reports, guidelines and promulgation R. Weinreb
11.35–11.40	International Glaucoma Review R. Weinreb
11.40–11.50	Advocacy R. Hitchings, P. Kaufman
11.50–11.53	Closing I. Goldberg

WEDNESDAY JULY 18, 2007

12.00–2.00 p.m. LUNCH BREAK and PLENARY MIDDAY SESSION

12.00–12.45 Alcon sponsored luncheon

12.45–1.45 p.m. Ball Room

Plenary Midday Symposium – Alcon

Advances in the Diagnosis and Management of Glaucoma

Chairman: I. Goldberg

Advances in fixed combination medical therapy

A. Konstas

New developments in ocular perfusion research

M. Kook

Advances in glaucoma surgery

J. Liebmann

Advances in diagnosing and treating angle-closure glaucoma

P. RojanaPongpun

Advancements in adjunctive therapy

K. Singh

24-Hour pharmacodynamics of PGA's

D. Yan

1.45–2.00 p.m. BREAK

Modern science – that is, the science which has developed since the Renaissance – is intrinsically defective both in its principles and in its methods. It is defective in principle because it looks upon the material world as an independent reality, and it is defective in its methods because it treats the material world as though it obeyed mechanical laws which are independent of the law of the Spirit. But in reality the material world is a part – and an inferior part – of a greater whole. According to ancient tradition there are three 'worlds' – the physical, the psychic and the spiritual – and those worlds are interdependent as an integrated whole.

WEDNESDAY JULY 18, 2007

2.00–4.00 p.m. Ball Rooms: OPENING SESSION

- 2.00–2.05 **Opening**
I. Goldberg, President AIGS
- 2.05–2.08 **From Vienna to Singapore**
A. Hommer
- 2.08–2.13 **Welcome to Singapore**
P. Chew
Introduction V. Balakrishnan
P. Chew
- 2.13–2.18 **Welcome from the Government**
V. Balakrishnan (Minister for Community Development, Youth and Sports from Singapore)
- 2.18–2.21 **Introduction K. Mabhubani**
R. Ritch
- 2.21–2.36 **The greatest Asian century**
K. Mabhubani (Former Ambassador of Singapore to the U.N. and President of the General Assembly)
- 2.36–2.56 **Honors**
Y. Kitazawa (introduction R. Weinreb), **A. Lim** (introduction D. Lam), **P. Hung** (introduction M. Araie), **A. Molteno** (introduction E. Greve)
- 2.56–3.16 **AIGS and merger WGC-IGS**
E. Greve, I. Goldberg, C. Melamed
- 3.16–3.36 **AIGS Award**
- 3.36–3.39 **Introduction of E. Liu**
T. Aung
- 3.39–3.54 **Genomics and the conduct of contemporary medicine**
E. Liu (President of the Genome Institute of Singapore)
- 3.54–3.57 **Closing**
I. Goldberg

4.15–5.15 p.m. SYMPOSIA

4.15–5.15 p.m.

(S03) Symposium 3

Molecular biology of glaucoma

J. Flammer (chair), M. Rosario Hernandez (chair), M. Honjo, H. Tanihara, T. Borrás

ROCK inhibitor, as a new possible medical treatment for glaucoma

M. Honjo

Clinical assessment and management of glaucoma associated with gene mutation

H. Tanihara

Molecular signature of optic nerve head astrocytes in human glaucoma

M. Rosario Hernandez

Calcification genes in the trabecular meshwork from glaucoma donors

T. Borrás

WEDNESDAY JULY 18, 2007

Gene expression of lymphocytes in glaucoma patients

J. Flammer

4.15–5.15 p.m.

(S04) Symposium 4

DEBATE – How early should glaucoma be detected

A. Heijl (chair), D. Garway-Heath, H. Lemij, F. Meideros

4.15–5.15 p.m. COURSES

4.15–5.15 p.m.

(CO1) Course 1

Glaucoma epidemiology: Prevalence and diagnosis

D. Friedman (chair), P. Mitchell, H. Quigley, T.-Y. Wong

4.15–5.15 p.m.

(CO2) Course 2

Quality of life and driving with glaucoma

A. Viswanathan (chair), P. Sathyan, R. Parrish

4.15–5.15 p.m.

(CO3) Course 3

Neuroprotection and apoptosis of retinal ganglion cells related to glaucoma

F. Cordeiro, N. Gupta (chair), M. Schwartz (chair), R. Fechtner, J. Lindsey

4.15–5.15 p.m.

(CO4) Course 4

An overview of new instruments and technology for imaging introductory

L. Zangwill (chair), M. Kook (chair), D. Greenfield, M. Nicolela, C. Burgoyne

4.15–5.15 p.m.

(CO5) Course 5

Teleglaucoma

A. Tuulonen (chair), R. George, G. Michelson, S. Shirato

4.15–5.15 p.m.

(CO6) Course 6

Laser surgery of the iris and angle: LPI–ALT –iridoplasty

C. Tham (chair), J. Thygesen, J. Liebmann

4.15–5.15 p.m.

(CO7) Course 7

Cost considerations in providing glaucoma care in the developing world

R. Thomas (chair), N. Wang

4.15–5.15 p.m.

WEDNESDAY JULY 18, 2007

(CO8) Course 8

The art of written and oral presentations

R. Hitchings (chair), P. Kaufman (chair)

4.15–5.15 p.m.

(CO9) Course 9

How to read a glaucoma article: Introductory

N. Congdon (chair), C. Girkin, R. Varma

4.15–5.15 p.m.

(CO10) Course 10

Design, conduct and interpretation of clinical trials: Pearls and pitfalls

K. Singh (chair), Roy Wilson

4.15–5.15 p.m.

Course 11

Cancelled

4.15–5.15 p.m.

(CO12) Course 12

Evidence based glaucoma

A. Coleman (chair), L. Rossetti, S. Miglior, R. Parikh

4.15–5.15 p.m.

(CO13) Course 13

Glaucoma Society organization

R. Wilson (chair), P. Chew, Y. Kitazawa, C. Migdal

4.15–5.15 p.m.

(CO14) Course 14

Glaucoma patient organization (how to organize, interact with GPO)

G. Lambrou (chair), S. Christensen (chair), B. Lindsell (chair), I. Goldberg, R. Ritch, D. Wright

4.15–5.15 p.m.

(CO15) Resident Course 15

Optic nerve head evaluation

R. Susanna Jr (chair), C. Leung, H. Wong

5.15–7.15 p.m. WELCOME RECEPTION

6.30–7.15 p.m. CLINICIAN SCIENTIST RECEPTION*

* By invitation only.

THURSDAY JULY 19, 2007

7.30–8.15 a.m. MORNING SYMPOSIA

7.30–8.15 a.m. Theatre Room

Morning Symposium – Pfizer

Integrating imaging technology with case management

A boxed breakfast will be provided prior to the program

The role of optic nerve imaging in the detection of glaucoma

R. Weinreb

Applying imaging methods for optic disc and retinal nerve fibre layer assessment

D. Greenfield

Integrating imaging technology with case management

J. Liebmann

Questions and Answers

7.30–8.15 a.m. Meeting Room 303–305

Morning symposium – Carl Zeiss Meditech

New developments in imaging for glaucoma management

Chair: A. Heijl

Development of guided progression analysis and enhanced corneal compensation on the GDx

F. Medeiros

Narrow angle evaluation with Visante OCT

T. Aung

Update on Stratus OCT

R. Sihota

Preview of Cirrus HD-OCT

F. Medeiros

7.30–8.15 a.m. Room 301–302

Morning symposium – Heidelberg Engineering

Structure & function – together at last!

Chairs: J. Flanagan, M. Fingeret, T. Garway-Heath

Topics: New tests of Visual Function; HRT3 Structural Data; Correlation of Structure and Function; Data Structure and Function combined.

7.30–8.15 a.m. Ball Room

Morning symposium – Alcon

Glaucoma case presentations: You be the judge

Moderator: M. Agulto

Case 1: N. Aquino; Case 2: L. Da-Wen; Case 3: S. Roa

8.15–8.30 a.m. BREAK

THURSDAY JULY 19, 2007

8.30–9.15 a.m. DIDACTIC, BASIC & CLINICAL SCIENCE SESSIONS

8.30–9.15 a.m. Ball Room

Didactic Morning Session 1

Screening, Blindness and Quality of Life

R. Wilson (chair), H. Quigley (chair), J. Zhao (chair)

8.30–8.37	D1-01	Glaucoma's impact on Quality of life A. Coleman
8.37–8.44	D1-02	Screening for angle closure in Asia N. Congdon
8.44–8.48		IQA
8.48–8.55	D1-03	Screening strategies for OAG R. Varma
8.55–9.02	D1-04	Worldwide epidemiology in glaucoma H. Quigley
9.02–9.06		IQA
9.06–9.13	D1-05	How early in glaucoma is Quality of Life affected? A. Viswanathan
9.13–9.15		IQA

8.30–9.15 a.m. Theatre Room

(B01) Basic & Clinical Science Session 1

What do we really know about IOP?

N. Gupta (chair), K. Kashiwagi (chair)

8.30–8.37	B1-01	How does the eye regulate IOP? P. Kaufman
8.37–8.44	B1-02	What happens to IOP over 24 hours? J. Liu
8.44–8.48		IQA
8.48–8.55	B1-03	24 Hours IOP control: medications versus surgery A. Konstas
8.55–9.02	B1-04	How much does IOP fluctuation matter? A. Heijl
9.02–9.06		IQA
9.06–9.13	B1-05	What is needed for continuous IOP measurement? A. Sit
9.13–9.15		IQA

THURSDAY JULY 19, 2007

9.15–10.00 a.m. Ball Room

Didactic Morning Session 2

Pathophysiology of POAG, NPG, ACG and secondary OAG

P. Kaufman (chair), N. Wang (chair), R. Sihota (chair)

9.15– 9.22	D2-01	Pathophysiology of ACG D. Lam
9.22– 9.29	D2-02	Pathophysiology of POAG E. Tamm
9.29– 9.33		IQA
9.33– 9.40	D2-03	Pathophysiology of pigmentary glaucoma R. Ritch
9.40– 9.47	D2-04	Pathophysiology of pseudoexfoliation glaucoma U. Schlötzer-Schrehardt
9.47– 9.51		IQA
9.51– 9.58	D2-05	Pathophysiology of NPG M. Wax
9.58–10.00		IQA

9.15–10.00 a.m. Theatre Room

Basic & Clinical Science Session 2

Risk modelling in glaucoma

P. Healey (chair), F. Medeiros (chair)

9.15– 9.22	B2-01	Introduction to risk modelling in glaucoma P. Healey
9.22– 9.29	B2-02	Is risk predicting by ophthalmologists consistent? S. Mansberger
9.29– 9.33		IQA
9.33– 9.40	B2-03	How does the cornea contribute to glaucoma risk? L. Pillunat
9.40– 9.47	B2-04	Predicting risk from visual field analysis A. Viswanathan
9.47– 9.51		IQA
9.51– 9.58	B2-05	Validation of risk models for development of glaucoma F. Medeiros
9.58–10.00		IQA

10.00–10.30 a.m.–BREAK

THURSDAY JULY 19, 2007

10.30–12.00 a.m. Ball Room

Didactic Morning Session 3+4

Intraocular pressure consensus

J. Brandt (chair), D. Garway-Heath (chair), M. Araie (chair), R. Weinreb (chair)

10.30–10.33		Introduction R. Weinreb
10.33–10.40	D3+4-01	Basic science of intraocular pressure J. Crowston
10.40–10.47	D3+4-02	Measurement of intraocular pressure D. Garway-Heath
10.47–10.52		IQA
10.52–10.59	D3+4-03	Epidemiology of intraocular pressure T. Yamamoto
10.59–11.06	D3+4-04	Intraocular pressure as risk factor for glaucoma progression J. Brandt
11.06–11.11		IQA
11.11–11.18	D3+4-05	Clinical trials and intraocular pressure F. Medeiros
11.18–11.25	D3+4-06	Target intraocular pressure and clinical practice S. Mansberger
11.25–11.30		IQA
11.30–11.37	D3+4-07	Concluding remarks R. Weinreb

10.30–11.15 a.m. Theatre Room

Basic & Clinical Science Session 3

Novel mechanisms of ganglion cell death

H. Quigley (chair), H. Tanihara (chair)

10.30–10.37	B3-01	Paths of retinal ganglion cell death H. Quigley
10.37–10.44	B3-02	Retinal ganglion cell-glia interactions in glaucoma M. Rosario Hernandez
10.44–10.48		IQA
10.48–10.55	B3-03	What role do mitochondria have? J. Lindsey
10.55–11.02	B3-04	Modulation of apoptosis in glaucoma H. Levkovitch-Verbin
11.02–11.06		IQA
11.06–11.13	B3-05	Oxidative injury in glaucoma J. Flammer
11.13–11.15		IQA

THURSDAY JULY 19, 2007

11.15–12.00 a.m. Theatre Room

Basic & Clinical Science Session 4

Axonal injury and degeneration

K. Martin (chair), C. Burgoyne (chair)

11.15–11.22	B4-01	Mechanical injury at the optic nerve head C. Burgoyne
11.22–11.29	B4-02	Imaging sick ganglion cells J. Crowston
11.29–11.33		IQA
11.33–11.40	B4-03	How does axonal injury kill retinal ganglion cells? K. Martin
11.40–11.47	B4-04	Understanding RGC somatic versus axonal degeneration in glaucomatous optic neuropathy M. Wax
11.47–11.54	B4-05	Role of calcium regulation in neuronal injury L. Wheeler
11.54–11.58		IQA

12.00–2.00 p.m. LUNCH BREAK and PLENARY MIDDAY SYMPOSIUM

Lunch will be offered at noon by Allergan prior to the start of the symposium.

12.45–1.45 p.m. Ball Room

Plenary Midday Symposium – Allergan

Future of glaucoma management – Focus on Progression

Chairmen: A. Heijl and B. Chauhan

12.45–12.50	Introduction & Welcome A. Heijl and B. Chauhan
12.50–1.00	High-resolution imaging – a new <i>in vivo</i> technology for following individual retinal cells in neuronal disease J. Sahel
1.00–1.10	Detecting glaucoma progression: Event vs. trend analysis D. Garway-Heath
1.10–1.20	Risk factors for progression – Updates from EMGT and the European Progression Study A. Heijl
1.20–1.30	Clinical biomarkers predictive of progression D. Greenfield
1.30–1.40	Can we use rate of progression to predict future glaucoma progression? B. Chauhan
1.40–1.45	Summary A. Heijl and B. Chauhan

THURSDAY JULY 19, 2007

2.00–3.00 p.m. SYMPOSIA

2.00–3.00 p.m.

(S05) Symposium 5

Advocacy

P. Kaufman (chair), D. Grigera (chair), R. Hitchings (chair), H. Tanihara (chair)

2.00–3.00 p.m.

(S06) Symposium 6

Poster Discussion 1

A. Coleman (chair), S. Gandolfi (chair)

2.00–3.00 p.m.

(S07) Symposium 7

DEBATE: Progression

B. Chauhan (chair), D. Garway-Heath (chair), A. Heijl, P. Sample, L. Zangwill

2.00–3.00 p.m.

(S08) Symposium 8

DEBATE: Bloodflow

M. Araie (chair), S. Orgül (chair), A. Harris, G. Michelson, J. Flammer, L. Schmetterer

2.00–3.00 p.m.

(S09) Symposium 9

Pediatric glaucoma

P. Khaw (chair), A. Mandal (chair)

Medical and other therapy

M. Papadopoulos

Angle surgery including trabeculotomy

H.-Ch. Lin

Trabeculectomy / Trabeculotomy

A. Mandal

Trabeculectomy and other drainage procedures

P. Khaw

Cyclodestruction and other ciliary body procedures

E. Maul

Tube surgery and other devices

J. Brandt

THURSDAY JULY 19, 2007

2.00–3.00 p.m

(S10) Symposium 10

DEBATE: Health economics 2: Risk

S. Mansberger (chair), F. Medeiros (chair), R. George, P. Healey

2.00–3.00 p.m.

(S11) Symposium 11

DEBATE: The place of fixed combination eye drops

C. Migdal (chair), R. Fechtner (chair), F. Gomez Goyeneche, T. Hommer, K. Singh, N. Aquino

2.00–3.00 p.m.

(S12) Symposium 12

Basic research in glaucoma surgery

J. Ge (chair), R. Parrish (chair)

Role ocular surface

C. Baudouin

Surgically manipulating pathways

J. Crowston

Uveoscleral outflow in glaucoma surgery

C. Melamed

What we have learned from NPGS

T. Shaarawy

Current knowledge on outflow pathways incl Schlemm's canal

E. Tamm

Wound healing

T. Wong

2.00–3.00 p.m.

(S13) Symposium 13

Glaucoma in Asia

D. Lam (chair), R. Thomas (chair), Y. Kitazawa (chair)

Introduction

Y. Kitazawa

Epidemiology of glaucoma in Asia

N. Wang

The prevalence of glaucoma in Asia

J. Zhao

The genetics of glaucoma in Asia: Is it different?

S. Chakrabarti

THURSDAY JULY 19, 2007

The spectrum of the disease in Asia: It is different!

M. He

NTG in Asia

K. Sugiyama

Diagnostic requirements for the region

M. Kook

The role of newer anterior segment imaging techniques

T. Aung

Management of PACS

R. Thomas

Innovative treatment modalities in PACG

C. Tham

Cost effective solutions

P. RojanaPongpun

A look at the future & Conclusion

D. Lam

3.00–3.15 p.m. BREAK

3.15–5.30 p.m. COURSES

3.15–4.15 p.m.

(CO16) Course 16

Guidelines on diagnosis and treatment of ACG – part 1

D. Friedman (chair), T. Aung, T.H. Wang, N. Wang, J. Zhao, M. He, W. Nolan

3.15–4.15 p.m.

(CO17) Course 17

New tonometry, CCT – part 1

L. Pillunat (chair), J. Brandt, N. Congdon

3.15–4.15 p.m.

(CO18) Course 18

Gonioscopy and imaging for chamber angle evaluation – part 1

P. Chew (chair), J. Liebmann (chair), T. Dada (chair), C. Traverso (chair), K. Kashiwagi, S. Lin, H. Sakai, E. Leuenberger, G. Marchini

3.15–4.15 p.m.

(CO19) Course 19

Advances in psychophysical testing for glaucoma patients – part 1

C. Johnson (chair), J. Flanagan, R. Harwerth

THURSDAY JULY 19, 2007

3.15–4.15 p.m.

(CO20) Course 20

How to detect and confirm progression and use it to manage glaucoma – part 1

B. Chauhan (chair), D. Garway-Heath (chair), A. Heijl, L. Zangwill

3.15–4.15 p.m.

(CO21) Course 21

Advanced optic nerve imaging (HRT, GDX, OCT) – part 1

H. Lemij (chair), R. Burk, M. Fingeret, C. Leung, F. Medeiros

3.15–4.15 p.m.

(CO22) Course 22

Principles of medical therapy in glaucoma practice – part 1

C. Melamed, S. Miglior, H. Tanihara, J. Thygesen, R. Fechtner (chair)

3.15–4.15 p.m.

(CO23) Course 23

Optimizing trabeculectomy outcome: intraoperative techniques – part 1

F. Grehn (chair), E. Dahan, C. Girkin, P. Khaw, L. Wang, D. Wen Lu

3.15–4.15 p.m.

(CO24) Course 24

Filtering surgery: penetrating/nonpenetrating/implants – part 1

T. Shaarawy (chair), A. Mermoud, P. Palmberg, R. Carassa

3.15–4.15 p.m.

(CO25) Course 25

Proof of ganglion cell death prevention

K. Martin (chair), M. Schwartz (chair), Y. Yücel, H. Levkovitch-Verbin, D. Greenfield

3.15–4.15 p.m.

(CO26) Course 26

Visual fields in advanced glaucoma

F. Goni, M. Nicolela, R. Stamper (chair)

3.15–4.15 p.m.

(CO27) Course 27

Do Western clinical trials have an impact on Eastern glaucoma care?

R. Thomas (chair), K. Singh, T. Yamamoto

THURSDAY JULY 19, 2007

3.15–4.15 p.m.

(CO28) Course 28

Glaucoma biostatistics

B. Feuer, L. Rossetti (chair), Seang Mei Saw

3.15–4.15 p.m.

(CO29) Residents Course 29 – Gonioscopy

P. Chew, R. Sihota, W. Alward (chair)

4.15–4.30 p.m. BREAK

4.30–5.30 p.m.

(CO30) Course 30

Glaucoma epidemiology: therapeutics

R. Wilson (chair), A. Coleman, F. Topouzis, R. Thomas

4.30–5.30 p.m.

(CO31) Course 31

Guidelines on diagnosis and treatment of ACG – part 2

D. Friedman (chair), T. Aung, P. RojanaPongpun, R. Sihota, T.H. Wang, N. Wang, J. Zhao, M. He, W. Nolan

4.30–5.30 p.m.

(CO32) Course 32

How to detect and confirm progression and use it to manage glaucoma – part 2

B. Chauhan (chair), D. Garway-Heath (chair), A. Heijl, L. Zangwill

4.30–5.30 p.m.

(CO33) Course 33

New tonometry, CCT – part 2

L. Pillunat (chair), N. Congdon, Y. Kuwayama

4.30–5.30 p.m.

(CO34) Course 34

Gonioscopy and imaging for chamber angle evaluation – part 2

P. Chew (chair), J. Liebmann (chair), T. Dada (chair), C. Traverso (chair), K. Kashiwagi, S. Lin, H. Sakai

THURSDAY JULY 19, 2007

4.30–5.30 p.m.

(CO35) Course 35

Advances in psychophysical testing for glaucoma patients – part 2

C. Johnson (chair), J. Flanagan, R. Harwerth, R. Stamper

4.30–5.30 p.m.

(CO36) Course 36

Advanced optic nerve imaging (HRT, GDX, OCT) – part 2

H. Lemij (chair), M. Fingeret, C. Leung, F. Medeiros

4.30–5.30 p.m.

(CO37) Course 37

Principles of medical therapy in glaucoma practice – part 2

C. Melamed, S. Miglior, H. Tanihara, J. Thygesen, R. Fechtner (chair)

4.30–5.30 p.m.

(CO38) Course 38

Optimizing trabeculectomy outcome: introperative techniques – part 2

F. Grehn (chair), C. Girkin, L. Wang, D. Wen Lu

4.30–5.30 p.m.

(CO39) Course 39

Filtering surgery: Penetrating/nonpenetrating/implants – part 2

T. Shaarawy (chair), A. Mermoud, P. Palmberg, E. Dahan, R. Carassa

4.30–5.30 p.m.

(CO40) Course 40

Optic disc photography

H. Danesh Meyer, J. Jonas (chair), P. Mitchell, M. Nicolela

4.30–5.30 p.m.

(CO41) Course 41

Electrophysiology and glaucoma diagnosis

B. Fortune (chair), V. Porciatti (chair), C. Bowd, S. Graham

4.30–5.30 p.m.

(CO42) Course 42

Assessment of bloodflow in glaucoma

S. Orgül (chair), M. Araie (chair), A. Harris, L. Schmetterer, G. Michelson

THURSDAY JULY 19, 2007

4.30–5.30 p.m.

(CO43) Residents Course 43

Imaging technologies

R. Burk (chair), E. Hoffman, H. Wong, G. Tomita

5.30–7.00 p.m. POSTER WALKTHROUGH

7.30–10.00 p.m. PRESIDENT'S DINNER*

*By invitation only.



FRIDAY JULY 20, 2007

7.30–8.15 a.m. MORNING SYMPOSIA

7.30–8.15 a.m. Theatre Room

Morning symposium – Allergan

Glaucoma management: Evaluating best options for the patient

Chairs: R. Thomas and R. Susanna Jr

Introduction & Welcome

R. Thomas, R. Susanna Jr

Concept of risk for targeted treatment

R. Thomas

The seven mistakes of glaucoma management

R. Susanna Jr

Treatment algorithms in glaucoma management: Monotherapy, switch, or combination

L. Rossetti

Combination therapy: New options

A. Crichton, A. Hommer

Beyond IOP-lowering

T. Krupin

7.30–8.15 a.m. Room 301- 302

Morning symposium – Santen

Updated glaucoma treatment based on evidence and each patients' background:

Expectations to new anti-glaucoma drugs for better treatment

Chairs: M. Araie & T. Aung

Patient-oriented better glaucoma treatment with PGs

J. Thygesen

Research of ocular hypotensive PGs affecting uveo-scleral outflow pathway

M. Aihara

7.30 –8.15 a.m. Room 303-305

Morning symposium – Carl Zeiss Meditech

New tools for detecting glaucomatous progression

Chair: R. Weinreb

Next-generation guided progression analysis (GPA) for HFA

A. Heijl

Guided progression analysis for GDx and advanced serial analysis for Stratus OCT

R. Weinreb

FRIDAY JULY 20, 2007

7.30–8.15 a.m. Room 208-209

Morning symposium – Heidelberg Engineering

New developments in OCT technologies for glaucoma management: Digital gonioscopy – anterior segment slit-lamp OCT in angle-closure glaucoma

Chairs: D. Friedman, W. Nolan

Topics: AIGS Consensus findings on Primary Angle-Closure Glaucoma; Gonioscopy; The Slit Lamp OCT; Clinical application of Slit-Lamp OCT for PACG; Evaluation of post-operative blebs

7.30–8.15 a.m. Room 203

Morning symposium – Ellex

Beyond convention – Presenting recent developments in selective laser trabeculoplasty

Chair & Moderator: I. Goldberg

Welcome & SLT Introduction

I. Goldberg

Effect of SLT on outflow facility study results

S. Lim

SLT as primary treatment and repeatability of SLT

M. Nagar

Clinical experiences and the SLT for PACG multi-centre study results

P. RojanaPongpun

Questions and Answers

Closing

7.30–8.15 a.m. Room 201

Morning symposium – Optonol

Announcing Join the Ex-PRESS™ Way to Success

Breakfast with the Experts

Chair: E. Dahan

Experts: P. Netland & R. Stamper

7:30–7:32

Welcome Words

E. Dahan

7:32–7:40

Ex-PRESS Overview

P. Netland

7:40–7:48

Experience with the Ex-PRESS shunt

E. Dahan

7:48–7:56

The Ex-PRESS shunt in a training program

R. Stamper

7:56–8:15

Questions & Answers

8.15–8.30 a.m. BREAK

FRIDAY JULY 20, 2007

8.30–9.15 a.m. DIDACTIC, BASIC & CLINICAL SCIENCE SESSION

8.30–9.15 a.m. Ball Room

Didactic Morning Session 5

Genetics, risk, ocular hypertension and progression

S. Miglior (chair), M. Agulto (chair), W. Alward (chair)

8.30 –8.37	D5-01	Where are we in genetics? W. Alward
8.37 –8.44	D5-02	Risk factors in ACG M. He
8.44 –8.48		IQA
8.48 –8.55	D5-03	Risk factors in OAG S. Miglior
8.55 –9.02	D5-04	Are risk factors for conversion the same as for progression? D. Garway-Heath
9.02 –9.06		IQA
9.06 –9.13	D5-05	Estimating glaucoma progression from risk factors F. Medeiros
9.13 –9.15		IQA

8.30–9.15 a.m. Theatre Room

Basic & Clinical Science Session 5

New angles on angle closure

T. Aung (chair), K.H. Park (chair), M. Aquino (chair)

8.30–8.37	B5-01	Mechanisms of angle closure R. Ritch
8.37–8.44	B5-02	What is wrong with angle assessment? D. Friedman
8.44–8.51	B5-03	Mechanisms of angle closure: do we have it all wrong? H. Quigley
8.51–8.56		IQA
8.56–9.01	B5-04	Early detection and treatment of primary angle closure in Mongolia W. Nolan
9.01–9.06	B5-05	Liwan M. He
9.06–9.11	B5-06	Wat do we learn from the Liwan eye study? T. Aung
9.11–9.14		IQA

FRIDAY JULY 20, 2007

9.15–10.00 a.m. Ball Room

Didactic Morning Session 6

Consensus structure and function

D. Garway-Heath (chair), L. Zangwill (chair)

9.15– 9.22	D6-01	Update on function D. Garway-Heath
9.22– 9.29	D6-02	Update on structure L. Zangwill
9.29– 9.36		IQA

Consensus angle-closure glaucoma

T. Aung (chair), D. Friedman (chair)

9.36– 9.43	D6-03	Update on diagnosis D. Friedman
9.43– 9.50	D6-04	Update on treatment: Consensus ACG T. Aung
9.50–10.00		IQA

9.15–10.00 a.m. Theatre Room

Basic & Clinical Science Session 6

Scarred for life?

P. Khaw (chair), R. Susanna Jr (chair)

9.15– 9.22	B6-01	What have we learned in the lab about woundhealing P. Khaw
9.22– 9.29	B6-02	Woundhealing and location T. Wong
9.29– 9.33		IQA
9.33– 9.40	B6-03	Implications of modulation of woundhealing to clinical practice J. Crowston
9.40– 9.47	B6-04	What is involved in translating wound healing research into clinical practice P. Palmberg
9.47– 9.51		IQA
9.51– 9.58	B6-05	Postoperative assessment of glaucoma filtering blebs T. Wells
9.58–10.00		IQA

10.00–10.30 a.m. BREAK

FRIDAY JULY 20, 2007

10.30–12.00 a.m. Ball Room

Combined Didactic Morning and Basic & Clinical Science Session 7 + 8

Medical treatment

T. Krupin (chair), L. Vijaya (chair), M. Aihara (chair)

10.30–10.37	DB7+8-01	Medical treatment and non-penetrating surgery A. Mermoud
10.37–10.44	DB7+8-02	The additional effect of combination treatment K. Singh
10.44–10.51	DB7+8-03	Place of combination treatment C. Migdal
10.51–10.56		IQA
10.56–11.03	DB7+8-04	Cholesterol and glaucoma C. Girkin
11.03–11.10	DB7+8-05	Treatment of neovascular glaucoma with anti-VEGF J. Jonas
11.10–11.17	DB7+8-06	Effect of lifestyle changes, incl. Exercise on IOP B. Mani
11.17–11.22		IQA
11.22–11.29	DB7+8-07	Glaucoma and si-RNA E. Tamm
11.29–11.36	DB7+8-08	In search of ... good gene drugs T. Borrás
11.36–11.43	DB7+8-09	From drugs to genes P. Kaufman
11.43–11.50		IQA
11.50–11.52	DB7+8-10	Video: Eyedrops R. Susanna Jr

Returning is the motion of the Tao.
Yielding is the way of the Tao.
The ten thousand things are born of being.
Being is born of not being.

The Tao

FRIDAY JULY 20, 2007

12.00–2.00 p.m. LUNCH BREAK and PLENARY MIDDAY SYMPOSIUM

A boxed lunch will be provided prior to the program

12.45–1.45 p.m. Ball Room

Plenary Midday Symposium – Pfizer

Clinical practice in perspective: Strategies to safeguard the optic nerve

Chair: R. Weinreb

Chairman's welcome and introduction

R. Weinreb

Identifying opportunities for treatment: the importance of evaluating the optic nerve

R. Weinreb

Detecting and monitoring glaucoma progression at the optic nerve

D. Garway-Heath

Understanding IOP and its optimisation

Y. Kuwayama

Defining appropriate treatment: patient management along the glaucoma continuum

T. Roberts

IQA

1.45–2.00 p.m. BREAK

2.00–3.00 p.m. SYMPOSIA

2.00–3.00 p.m.

(S14) Symposium 14

Promulgation: taking consensus to guidelines for glaucoma care

R. Weinreb (chair), N. Wang, M. Araie, R. Susanna Jr, R. Hitchings

2.00–3.00 p.m.

(S15) Symposium 15

Poster Discussion 2

A. Coleman (chair)

2.00–3.00 p.m.

(S16) Symposium 16

DEBATE: SWAP, FDT

D. Garway-Heath, P. Sample (chair), C. Johnson, M. Patella, J. Flanagan (chair), A. Heijl

2.00–3.00 p.m.

(S17) Symposium 17

The immune system in glaucoma

M. Schwartz (chair), M. Wax, F. Grus (chair)

FRIDAY JULY 20, 2007

2.00–3.00 p.m.

(S18) Symposium 18

DEBATE: Angle closure and imaging

P. Chew (chair), D. Friedman (chair)

2.00–3.00 p.m.

(S19) Symposium 19

Does myopia affect glaucoma?

S.-T. Hoh (chair), K. Singh (chair), J. Jonas, P. Mitchell

Association between glaucoma and myopia

P. Mitchell

Optic disc appearance in myopic eyes with and without glaucoma

J. Jonas

Structural variations of the RNFL, macular and central corneal thickness measurements with myopia

S.-T. Hoh

Visual field variations in myopia

S.-T. Hoh

Glaucomatous visual field abnormalities in young myopes

K. Singh

New imaging modalities for assessing the optic nerve and RNFL in myopia – Panel discussion

2.00–3.00 p.m.

(S20) Symposium 20

Glaucoma as neurodegenerative disease

N. Gupta (chair), Y. Yücel (chair)

Retinal ganglion cells: Injury and degeneration

K. Martin

From the eye to the brain: Neural degeneration

N. Gupta

Behind the eye: Mapping visual system function

R. Harwerth

Clinical implications: Glaucoma as neurodegenerative disease

A. Alm

2.00–3.00 p.m.

(S21) Symposium 21

DEBATE: Normal pressure glaucoma

J. Flammer (chair), Y. Kitazawa (chair), K. Ishida, K. Park, R. Ritch, T. Yamamoto, G. Michelson

FRIDAY JULY 20, 2007

2.00–3.00 p.m.

(S22) Symposium 22

DEBATE: Health economics 3: Cost

G. Kobelt (chair), S. Kymes (chair), A. Azuara Blanco, K. Frick, M. Jofre-Bonnet, C. Migdal, H. Mishima

2.00–3.00 p.m.

(S23) Symposium 23

DEBATE: Medical treatment versus laser

S. Gandolfi (chair), T. Krupin (chair), K. Hartleben, P. Khu, S. Best, Y. Buys

2.00–3.00 p.m.

(S24) Symposium 24

Surgery: beyond the status quo

M. Aihara (chair), T. Shaarawy (chair)

I-stent: what we know

C. Traverso

Gold shunt: critical appraisal

C. Mielke

Trabectome

T. Shaarawy

Canaloplasty

I. Ahmed

DEBATE: Ex-PRESS versus trabeculectomy

Pro: E. Dahan, A. Mermoud

Con: P. Khaw, R. Fechtner

3.00–3.15 p.m. BREAK

3.15–4.15 p.m. COURSES

3.15–4.15 p.m.

(CO44) Course 44

Guidelines on diagnosis and treatment of ACG – part 1

D. Friedman (chair), T. Aung, T.H. Wang, N. Wang, J. Zhao, M. He, W. Nolan

3.15–4.15 p.m.

(CO45) Course 45

New tonometry, CCT – part 1

L. Pillunat (chair), J. Brandt, N. Congdon, A. Boehm

FRIDAY JULY 20, 2007

3.15–4.15 p.m.

(CO46) Course 46

Gonioscopy and imaging for chamber angle evaluation – part 1

P. Chew (chair), T. Dada (chair), C. Traverso (chair), K. Kashiwagi, S. Lin, H. Sakai, E. Leuenberger, G. Marchini

3.15–4.15 p.m.

(CO47) Course 47

How to detect and confirm progression and use it to manage glaucoma – part 1

B. Chauhan (chair), D. Garway-Heath (chair), A. Heijl, L. Zangwill

3.15–4.15 p.m.

(CO48) Course 48

Advanced optic nerve imaging (HRT, GDX, OCT) – part 1

H. Lemij (chair), R. Burk, M. Fingeret, C. Leung, F. Medeiros

3.15–4.15 p.m.

(CO49) Course 49

Principles of medical therapy in glaucoma practice – part 1

C. Melamed, S. Miglior, H. Tanihara, J. Thygesen, R. Fechtner (chair)

3.15–4.15 p.m.

(CO50) Course 50

Filtering surgery: penetrating/nonpenetrating/implants – part 1

T. Shaarawy (chair), R. Carassa, A. Mermoud, P. Palmberg

3.15–4.15 p.m.

(CO51) Course 51

Optimizing trabeculectomy outcome: intraoperative techniques – part 1

F. Grehn (chair), E. Dahan, P. Khaw, L. Wang, D. Wen Lu, C. Girkin

3.15–4.15 p.m.

(CO52) Course 52

Non-IOP lowering glaucoma treatment

J. Flammer (chair), M. Mozaffarieh

3.15–4.15 p.m.

(CO53) Course 53

Secondary open angle glaucoma: diagnosis and treatment

T. Yamamoto (chair), R. George, S. Gandolfi

3.15–4.15 p.m.

(CO54) Course 54

Exfoliation syndrome and exfoliation glaucoma

R. Ritch (chair), A. Konstas, U. Schlötzer-Schrehardt

FRIDAY JULY 20, 2007

3.15–4.15 p.m.

(CO55) Course 55

Understanding the genetic basis of glaucoma: its role in clinical practice

W. Alward (chair), S. Chakrabarthi, J. Craig, D. Mackey

3.15–4.15 p.m.

(CO56) Course 56

Experimental models in glaucoma

J. Lindsey (chair), R. Harwerth

3.15–4.15 p.m.

(CO57) Residents Course 57

Glaucoma surgery

T. Zeyen (chair), Y. Kuwayama, C. Migdal, P. RojanaPongpun, T. Shaarawy, M. Sherwood

4.15–4.30 p.m. BREAK

4.30–5.30 p.m.

(CO58) Course 58

Guidelines on diagnosis and treatment of ACG – part 2

D. Friedman (chair), T. Aung, P. RojanaPongpun, R. Sihota, T.H. Wang, N. Wang, J. Zhao, M. He, W. Nolan

4.30–5.30 p.m.

(CO59) Course 59

How to detect and confirm progression and use it to manage glaucoma – part 2

B. Chauhan (chair), D. Garway-Heath (chair), A. Heijl, L. Zangwill

4.30–5.30 p.m.

(CO60) Course 60

New tonometry, CCT – part 2

L. Pillunat (chair), Y. Kuwayama, N. Congdon, A. Boehm

4.30–5.30 p.m.

(CO61) Course 61

Gonioscopy and imaging for chamber angle evaluation – part 1

P. Chew (chair), T. Dada (chair), C. Traverso (chair), K. Kashiwagi, S. Lin, H. Sakai

4.30–5.30 p.m.

(CO62) Course 62

Advanced optic nerve imaging (HRT, GDX, OCT) – part 2

H. Lemij (chair), R. Burk, M. Fingeret, C. Leung, F. Medeiros

FRIDAY JULY 20, 2007

4.30–5.30 p.m.

(CO63) Course 63

Principles of medical therapy in glaucoma practice – part 2

C. Melamed, S. Miglior, H. Tanihara, J. Thygesen, R. Fechtner (chair)

4.30–5.30 p.m.

(CO64) Course 64

Optimizing trabeculectomy outcome: intraoperative techniques – part 2

F. Grehn (chair), C. Girkin, L. Wang, D. Wen Lu

4.30–5.30 p.m.

(CO65) Course 65

Filtering surgery: penetrating/nonpenetrating/implants – part 2

T. Shaarawy (chair), E. Dahan, A. Mermoud, P. Palmberg, R. Carassa

4.30–5.30 p.m.

Course 66

Cancelled

4.30–5.30 p.m.

(CO67) Course 67

Secondary angle closure glaucoma: diagnosis and management

L. Vijaya (chair), S. Asawaphureekorn

4.30–5.30 p.m.

(CO68) Course 68

Glaucoma care in eyes with concurrent corneal disease

J. Tsai (chair), S. Seah, C. Tham

4.30–5.30 p.m.

(CO69) Course 69

Normal pressure glaucoma

Y. Kitazawa (chair), J. Flammer, T. Krupin, K.H. Park, R. Ritch, M. Wax, T. Yamamoto

4.30–5.30 p.m.

(CO70) Course 70

Congenital and infantile glaucoma

P. Khaw (chair), A. Mandal (chair), J. Brandt, H.-Ch. Lin, E. Maul, M. Papadopoulos

4.30–5.30 p.m.

(CO71) Residents Course 71

Perimetry

F. Goni (chair), A. Viswanathan

7.00–11.00 p.m. TROPICAL GALA EVENING

SATURDAY JULY 21, 2007

7.30–8.15 a.m. MORNING SYMPOSIA

7.30–8.15 a.m. Room 208–209

Morning Symposium – Heidelberg

HRT: Risk factors and detecting progression in glaucoma

Chair: D. Garway-Heath, A. Coleman

OHTS and the diagnostic power of HRT

Risk assessment in glaucoma

Progression defines glaucoma

Definition of progression

Clinical application of HRT to define progression

8.15–8.30 a.m. BREAK

8.30–10.00 a.m. DIDACTIC & VIDEO SESSIONS

8.30–10.00 a.m. Ball Room

Didactic Morning Session 9+10

Surgical Grandrounds

Chair: C. Migdal

Panel: N. Wang, P. Palmberg, Da Wen Lu, S. Seah, C. Traverso, C. Migdal

Presenters: F. Grehn, M. Sherwood, P. RojanaPongpun, A. Mandal, K. Singh, C. Tham, C. Baudouin, R. Carassa, Y. Kuwayama

8.30–10.00 a.m. Theatre Room

Video Session 1: Basic surgical video session

Chair: I. Ahmed

Panelists: D. Lam, A. Mermoud, J. Mura, S. Bennet

Trabeculectomy conjunctival closure

M. Helal

Trabeculectomy scleral closure

T. Wells

Tube-shunt insertion and methods of flow restriction

R. Susanna Jr

Trabeculectomy overfiltration revision surgery

M. Coote

Needling of failing filter

A. Azuara Blanco

SATURDAY JULY 21, 2007

Video Session 2: Advanced surgical video session

Chair: I. Ahmed

Panelists: T. Wells, R. Susanna Jr, M. Coote, A. Azuara Blanco

Lens removal in angle closure glaucoma

D. Lam

Cataract extraction with zonular weakness

I. Ahmed

Non-penetrating dissection in difficult eyes

A. Mermoud

Iris sutured foldable IOL's in the glaucoma patient

J. Mura

Cyclodialysis cleft repair

S. Bennet

10.00–10.30 a.m. BREAK

10.30–11.15 a.m. DIDACTIC & LASER SESSIONS

10.30–11.15 a.m. Ball Room

Didactic Morning Session 11

Consensus Surgery OAG

R. Weinreb (chair), J. Crowston (chair)

10.30 –10.35	D11-01	Trabeculoplasty R. Weinreb
10.35 –10.40	D11-02	Trabeculectomy J. Crowston
10.40 –10.45		IQA
10.45 –10.50	D11-03	Trabeculectomy versus non-penetrating glaucoma surgery R. Carassa
10.50 –10.55	D11-04	Trabeculectomy versus glaucoma drainage device R. Fechtner
10.55 –11.00		IQA
11.00 –11.05	D11-05	Cyclodestruction versus glaucoma drainage device in the management of refractory glaucoma D. Lam
11.05 –11.10	D11-06	Consensus Statements R. Weinreb
11.10 –11.15		IQA

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11.15 a.m.–12.00 p.m. Ball Room

Didactic Morning Session 12

Surgical Guidelines on Reporting and Publishing

F. Grehn (chair), T. Shaarawy (chair), M. Sherwood (chair)

11.15 –11.18	D12-01	Introduction T. Shaarawy
11.18 –11.23	D12-02	Methodology D. Lam
11.23 –11.28		IQA
11.28 –11.33	D12-03	Definitions of success M. Sherwood
11.33 –11.38	D12-04	Statistical aspects of reporting glaucoma surgical studies W. Feuer
11.38 –11.43		IQA
11.43 –11.48	D12-05	Complications R. Stamper
11.48 –11.52	D12-06	Economics and glaucoma surgical trials A. Azuara Blanco
11.52 –11.55	D12-07	Surgical guidelines on reporting and publishing – Conclusions F. Grehn
11.55 –12.00		IQA

10.30 a.m.–12.00 p.m. Theatre Room

Laser Session 1 + 2

Glaucoma and Laser

K. Singh (chair), H. Mishima (chair), K. Ben Amor (chair)

10.30 –10.37	L1+2-01	Medical treatment versus laser treatment K. Singh
10.37 –10.44	L1+2-02	Laser treatment first Y. Buys
10.44 –10.51	L1+2-03	Medical treatment first S. Gandolfi
10.51 –10.55		IQA
10.55 –11.02	L1+2-04	Role of cyclodestruction in 3rd world H. Quigley
11.02 –11.09	L1+2-05	There is no role for cyclodestruction in 3rd world K. Ben Amor
11.09 –11.16	L1+2-06	Role of cyclodestruction in developed world J. Thygesen

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11.16 –11.23	L1+2-07	Endocyclodestruction: is there a place for it? S. Lin
11.23 –11.27		IQA
11.27 –11.34	L1+2-08	ALT-SLT overview R. Ritch
11.34 –11.38		IQA
11.38 –11.45	L1+2-09	Peripheral iridoplasty: indications C. Tham
11.45 –11.49		IQA
11.49 –11.56	L1+2-10	Prophylactic iridotomy: when? R. Thomas
11.56 –12.00		IQA

12.00–2.00 p.m. LUNCH BREAK and PLENARY MIDDAY SYMPOSIUM

A boxed lunch will be provided prior to the program

12.45–1.45 p.m. Ball Room

Plenary Midday Symposium – MSD

**Mechanical and vascular modalities in managing the glaucoma patient:
An evidence-based approach**

Chair: A. Harris

12.45–12.50	Introduction A. Harris
12.50–1.05	Comprehensive Glaucoma Management J. Tsai
1.05–1.20	Vascular Management of Glaucoma A. Harris
1.20–1.35	New Clinical insights into 24-Hour IOP Control A. Konstas
1.35–1.45	Question & Answer Session Faculty Concluding Remarks A. Harris

1.45–2.00 p.m. BREAK

SATURDAY JULY 21, 2007

2.00-3.00 p.m. COURSES

2.00–3.00 p.m.

(CO72) Course 72

Video course: Combined phacotrabeculectomy: Basic techniques

J. Tsai (chair), A. Brooks, R. Perez Grossman

One-site versus two-site technique

Conjunctival management in combined surgery

Scleral flap management in combined surgery

IOP selection in combined surgery

2.00–3.00 p.m.

(CO73) Course 73

Video course: Combined phacotrabeculectomy: Advanced techniques/special scenarios

I. Ahmed (chair), S. Vold, N. Wang, F. El-Sayyad

Handling positive pressure

Small pupil management

Dealing with zonular weakness

IOL placement in event of capsular rupture

2.00–3.00 p.m.

(CO74) Course 74

Video course: Trabeculectomy basic techniques

Y. Kuwayama (chair), A. Sit (chair), S. Best, L. Wang

Conjunctival open/closure: fornix-based versus limbus-based

Sclerostomy: punch versus knife/scissors

Scleral closure suturing techniques

Antimetabolites usage/application

2.00–3.00 p.m.

(CO75) Course 75

Video course: trabeculectomy advanced techniques/special scenarios

P. RojanaPongpun (chair), K. Singh (chair), S. Seah, J. Mura

Managing buttonhole in conjunctiva

Handling scarred tissue

Scleral flap problems

Bleb revision techniques for overfiltration

Bleb revision techniques for failing filter

SATURDAY JULY 21, 2007

2.00–3.00 p.m.

(CO76) Course 76

Managing cataract and glaucoma

D. Lam (chair), C. Traverso, R. Fechtner, M. Sherwood

2.00–3.00 p.m.

(CO77) Course 77

Safe and effective glaucoma drainage device implantation

I. Goldberg (chair), P. Chew, S.K. Fang, P. Healey, H-Ch. Lin, C. Tham, M. Agulto

2.00–3.00 p.m.

(CO78) Course 78

Size matters: intraocular surgery in highly myopic or nanophthalmic eyes

D. Grigera (chair), T.-S. Hoh, H. Tanihara

2.00–3.00 p.m.

(CO79) Course 79

Fibrosis inhibition in filtration surgery

J. Crowston (chair), P. Palmberg, C. Baudouin, P. Roux, T. Wong

2.00–3.00 p.m.

(CO80) Course 80

The use of releasable sutures in glaucoma surgery

R. Wilson (chair), T. Wells

2.00–3.00 p.m.

(CO81) Course 81

Decision-making after trabeculectomy has failed

R. Carassa (chair), J. Brandt, K. Ishida

2.00–3.00 p.m.

Course 82

Cancelled

2.00–3.00 p.m.

(CO83) Course 83

Paediatric glaucoma surgery

A. Mandal (chair), E. Maul, J. Brandt, Y. Tao, M. Papadopoulos, H.-Ch. Lin, S. Ahmed

2.00–3.00 p.m.

(CO84) Course 84

Cyclophotocoagulation – why, when and how?

P. Bloom (chair), S. Lin, B. Shields, R. Susanna Jr

3.00–3.15 p.m. BREAK

SATURDAY JULY 21, 2007

3.15–4.15 p.m. CLOSING SYMPOSIUM

3.15–4.15 p.m.

Closing Symposium

R. Weinreb (chair), R. Hitchings (chair), Y. Kitazawa (chair)

Watching ganglion cells die

J. Crownston

Stem cell transplantation for glaucoma

K. Martin

Poster recognitions

A. Coleman, S. Gandolfi

The future of glaucoma drops: systemic disease needs systemic treatment

N. Gupta

The future of glaucoma drops: the ongoing problem of administering eye drops

P. Kaufman

Do drugs work at night?

A. Sit

Summing up

R. Weinreb

World Glaucoma Congress & International Glaucoma Symposium 2009

D. Lam, C. Melamed, I. Goldberg

Closing

I. Goldberg

4.30–6.30 p.m. FAREWELL AFTERNOON HIGH TEA



CURRICULUM VITAE

Special Guest and Opening Speakers

Vivian Balakrishnan, MD

Minister, Ministry of Community Development, Youth and Sports
Second Minister, Ministry of Information, Communications and the Arts, Republic of Singapore.

Vivian Balakrishnan was born in 1961. He was educated at the Anglo-Chinese School (1968-1977) and the National Junior College (1978-1979). In 1980, he was awarded the President's Scholarship to study Medicine at the National University of Singapore. He was elected President of the National University of Singapore Student's Union (NUSSU) from 1981 to 1983, and Chairman of NUSSU in 1984/1985.



Subsequently, he pursued post-graduate specialist training in Ophthalmology and was admitted as a Fellow of the Royal College of Surgeons of Edinburgh in 1991.

Between 1993 and 1995, he worked at Moorfields Eye Hospital in London. Upon his return, he was appointed Consultant Ophthalmologist at the Singapore National Eye Centre where he sub-specialised in Pediatric Ophthalmology. In January 1999, he assumed the post of Medical Director of the Singapore National Eye Centre. From June 2000 till December 2001 he was Chief Executive Officer of the Singapore General Hospital. From 1999 to 2001, he chaired the Specialist Training Committee, which was responsible for the accreditation and training programme for all ophthalmology trainees in Singapore. He was the principal investigator for several clinical research trials to control the progression of myopia in children.

He was a Council Member of the Singapore Medical Association (1998 to 2001), member of the National Library Board (1997 to 2001), member of the Singapore Broadcasting Authority Programmes Advisory Committee (1998 to 2000) and the National Volunteer Centre Committee (1999 to 2001). He had significant exposure on national television, having been an active debater since the 70s, a host of the televised Singapore 21 series and presenter of health education programmes in the 90s.

Dr Vivian Balakrishnan was the Commanding Officer of the 2nd Combat Support Hospital of the Singapore Armed Forces from November 1999 to January 2002.

In the 2001 General Election, Dr Vivian Balakrishnan was elected MP for Holland-Bukit Panjang GRC. He was appointed Minister of State (National Development) in January 2002 and Minister of State (Trade and Industry) in August 2003. He was also appointed Chairman of the 'Remaking Singapore' committee in February 2002, and Chairman of the National Youth Council in July 2003. In August 2004, he was promoted to Acting Minister for Community Development, Youth and Sports and Senior Minister of State, Ministry of Trade and Industry. He became Minister for Community Development, Youth and Sports as well as Second Minister for Trade and Industry in April 2005. He is also the Minister responsible for entrepreneurship.

He was re-elected MP and re-appointed as Minister in 2006.

CURRICULUM VITAE

Kishore Mahbubani



Kishore Mahbubani graduated in philosophy from Singapore and Canada. He served in the Singapore Foreign Service from 1971 to 2004 and was a Fellow of the Center for International Affairs in Harvard University from 1991 to 1992.

He was Permanent Secretary at the Foreign Ministry from 1993 to 1998 and he also served twice as Singapore's Ambassador to the UN. He was President of the UN Security Council in January 2001, and May 2002.

Dr. Mahbubani was appointed the first Dean of the Lee Kuan Yew School of Public Policy on 16 August 2004. Currently, he is the Dean and Professor in the Practice of Public Policy at the Lee Kuan Yew School of Public Policy (LKY SPP) of the National University of Singapore. He is also a Faculty Associate for the LKY SPP's Centre on Asia and Globalisation (CAG). At the same time he serves in Boards and Councils all over the world, including the International Institute for Strategic Studies (IISS) Council, The Asia Society's International Council, The Institute of Policy Studies (IPS), the Yale President's Council on International Activities, the Research Advisory Council of the Global Markets Institute at Goldman Sachs, and the Singapore-China Foundation-Scholarship Committee.

Dr. Mahbubani has been conferred the Public Administration Medal (Gold) by the Singapore Government in 1998. The Foreign Policy Medal was awarded to him in New York in June 2004 with the following words in the citation 'A gifted diplomat, a student of history and philosophy, a provocative writer and intuitive thinker'. He was also listed as one of the top 100 public intellectuals in the world by *Foreign Policy* and *Prospect* magazines in September 2005.

In the world of ideas, he has published and spoken in all corners of the globe. His articles have appeared in a wide range of journals and newspapers, including *Foreign Affairs*, *Foreign Policy*, the *Washington Quarterly*, *Survival*, *American Interest*, the *national Interest*, *Time*, *Newsweek* and the *New York Times*. He is the author of "*Can Asians Think?*", and of "*Beyond the Age of Innocence: Rebuilding Trust between America and the World*".

All created things will pass away. When one achieves the wisdom
to realize this, one may rise above this world of sorrow.

The Dhammapada

CURRICULUM VITAE

Yoshiaki Kitazawa, MD, PhD

Title and Affiliation: Professor Emeritus Gifu Univ. School of Medicine, Gifu, Japan (2002 -); Director, Akasaka Kitazawa Eye Clinic, Tokyo, Japan (2002 -).

Area of Interest: Glaucoma

Yoshiaki Kitazawa graduated from Chiba University in 1961 and studied ophthalmology under professor Yoshitami Suzuki. He received his Doctor of Medical Sciences in 1968 (thesis: A clinical study on water-drinking tonography (3)-water-drinking tonography in steroid-induced ocular hypertension). After that he studied one year at the Wilmer Ophthalmological Institute, Johns Hopkins University with Professor Maurice F. Langham. He was promoted to Assistant Professor at the University of Tokyo in 1975 and became Professor in 1985.

Leadership positions: President, International Glaucoma Society (1994-98); International Perimetric Society, Vice President (1994-2002); Asian-Oceanic Glaucoma Society, President (1997-); Japanese Glaucoma Society, President (1998-2006). Congress President of the 3rd Congress of the Japanese Glaucoma Society (1992); President, 10th Congress of the International Perimetric society (1992); President, 13th Congress of the Japanese Society of Ocular Pharmacology (1993); President, 19th Congress of Japanese Society of Ophthalmic Surgery (1996), President, 2nd Congress of Asian-Oceanic Glaucoma Society (1999); President, 53rd Congress of Japanese Society of Clinical Ophthalmology (1999).

Editorial Boards past & present: Ophthalmology; Journal of Glaucoma; Graefes Archives of Ophthalmology; International Journal of Ophthalmology; Ophthalmic Surgery & Lasers; Ocular Pharmacology & Therapeutics; Current opinion in Ophthalmology; Japanese Journal of Ophthalmology; Asian Journal of Ophthalmology.

Special honors: Honorary Lecture, The joint meeting of American Glaucoma Society & Japan Glaucoma Society (Vancouver, Canada, 1996); Guest Lecture. Glaucoma Society of UK & Eire (London, UK, 1996); The Second Irving Leopold Lecture (Laguna Niguel, USA, 2000); American Academy of Ophthalmology Secretariat Award (2001); Japan Ophthalmology Society Distinguished Award (Tokyo, Japan, 2001); Special Lecture First meeting, SERI-ARVO (Singapore, 2002); Dr. Timothy KC Liu Lecture, Asia-Oceanic Glaucoma Society (Hong Kong, 2003); Bartsch Lecture (University of Dresden, Germany, 2004); Goldmann Lecture & Award, International Glaucoma Society of ICO (Salvador, Brazil, 2005).



CURRICULUM VITAE

Arthur S.M. Lim, BBM, BBM (L), MBBS, MD (Hon), FAMS, FRCS, FRCSE, FRACS, FICS (Hon), FRACO, FRCOphth, DO



Professor Arthur S.M. Lim is a Clinical Professor, Department of Ophthalmology, National University of Singapore; chairman, Singapore Eye Research Institute; Founding Medical Director, Singapore National Eye Centre, and Past President, Singapore Medical Alumni Association. He is also the Chief Examiner of the joint M Med (Ophthalmology)/FRCS (Edinburgh) Examination. Professor Lim is not only a renowned medical specialist, but also an author, teacher, artist and sportsman. He has led a life brimming with adventures in medicine, education, fund-raising and alumni activities.

Professor Lim holds a host of international appointments. He is Secretary-General of the Asia-Pacific Academy of Ophthalmology, Founding President of the World Eye Surgeons Society, and Honorary Life President of the Asia-Pacific Association of Cataract and Refractive Surgeons. He is a recipient of several international awards with the most remarkable being the Jose Rizal Medal, the highest award of the Asia-Pacific Academy of Ophthalmology (1983) and the Barraquer Gold Medal in 1996. He is a member of the Academia Ophthalmology Internationalis and board member on the international advisory boards of the Lions Eye Institute (Perth, Australia) and the Asia-Pacific Society of Eye Genetics (Hong Kong). For his significant contribution to world ophthalmology, three special lectures have been named after him: LIM Lecture of the Asia-Pacific association of Cataract and Refractive Surgeons (1990), and Arthur Lim International Lecture of the Singapore National Eye Centre (1999), and Arthur Lim Lecture of The Chinese University of Hong Kong (2000).

Professor Lim has written over 30 books and more than 300 scientific papers and lectures, and his is on the editorial board of 10 international scientific journals. His book "The Colour Atlas of Ophthalmology" has a print run of 43, 000 copies in nine languages – English, Malay, Spanish, Italian, Chinese, French, Finnish, German and Portuguese, and is a highly recommended adopted textbook for undergraduates in many countries. Indefatigable in his efforts to impart his skills, both locally and overseas, he conducted a live surgery demonstration on implants, which was transmitted in Milan, Italy on 23 October 1998. In addition to live surgery demonstration, he has also convened numerous teaching courses extensively in Pakistan, Malaysia, Thailand, Hong Kong, People's Republic of China, Myanmar, France, India, Indonesia and Sri Lanka. For the last decade, he has devoted his time between his own private practice in Singapore and the teaching centers he helped to establish in China (Tianjin, Xiamen, Ningxia, Lanzhou, and Jinan). Currently, he is the Honorary Director of the Tianjin Medical University Eye Centre, Tianjin, People's Republic of China.

CURRICULUM VITAE

Por-Tying Hung, MD

He is a Graduate of National Taiwan University in 1959 and received ophthalmology training from Professor Y.F. Yang. He studied at the Wilmer Institute of Johns Hopkins University in U.S.A. during 1967-1968, and studied Immunology with Professor A. Silverstein, and Glaucoma with Dr. I. Pollack. He went again to the U.S.A. and studied glaucoma with Professor M.A. Galin at New York Medical College in 1974-1976. Dr. Hung was appointed Professor in Ophthalmology of the National Taiwan University in 1976. During his tenure, he served as the Chairman of the department of Ophthalmology during 1977-1983 and as the Vice-President of the National Taiwan University Hospital during 1983-1992. He now is Professor in Ophthalmology at the China Medical University in Taichung, Taiwan, and President of the Taiwan Academy of Ophthalmology. He founded the Asian Oceanic Glaucoma Society, of which he now is General Secretary and on the Board of Executive Directors. He is also President of the Taipei Eye Foundation and member of a number of Boards, a.o. the Editorial Board of the Journal of Glaucoma and the International Glaucoma Review. Por-Tying Hung is active in public education and works as the President of Taipei Visual Science Education and Research Foundation Inc. He was President of the 18th Congress of the Asia Pacific Academy of Ophthalmology, March 10-14, 2001, Taipei, Taiwan, and is a member of the Council of the Asia-Pacific Academy of Ophthalmology. In recognition of his contributions, the Academy granted him a Distinguished Service Award in 1983. He is active on the Advisory Board, Association of International Glaucoma Societies and on the Board of Executive Directors, The Ophthalmological Society of Taiwan. Por-Tying Hung has written numerous scientific publications in the field of ophthalmology.



He who stands on tiptoe is not steady.
He who strides cannot maintain the pace.
He who makes a show is not enlightened.
He who is self-righteous is not respected.
He who boasts achieves nothing.
He who brags will not endure.
According to the followers of the Tao,
"These are extra food and unnecessary luggage."
They do not bring happiness.
Therefore followers of the Tao avoid them.

The Tao

CURRICULUM VITAE

Anthony Christopher Bernard Molteno, MB, ChB, FRCS (ed), FRACO



Title and Affiliation: Professor, Head of Ophthalmology Section, 2002

Research Interests: Glaucoma and Visual Development and the Treatment of Strabismus. His main field of research expertise lies in the treatment of severe and complex cases of glaucoma. With the development of the Molteno Implant, a safe and effective draining implant to treat glaucoma, together with drug regimes developed for use around implants in conventional glaucoma surgery has dramatically improved results. This long-term clinically based research programme has involved co-operation with histopathologists and biochemists together with very good long-term relationships with the patients who donate their eyes for study.

His other major field of expertise lies in the development of optical instruments which measures the fixing, focusing and optical properties of living human and animal eyes. This work was done in conjunction with Assoc. Professor I.J Hodgkinson of the Physics department and has resulted in a better understanding of the optical properties of living human eyes and led to the development of instruments including the Otago photoscreener which have been applied clinically.

Professor Molteno has given live surgical demonstrations and workshops on the management complex glaucomas in: Argentina, Australia, USA, Italy, Czech Republic, Spain, South Africa, United Kingdom, Switzerland, Sweden and Turkey. He has lectured on and demonstrated the Otago photoscreener and its principles in the United Kingdom, USA, the Netherlands, South Africa and Australia.

Leadership positions: Member of Education and Qualification Committee, Ophthalmological Society of New Zealand; Past President of the Ophthalmological Society of New Zealand; Trustee of the Glaucoma Trust of the Ophthalmological Society of New Zealand; Trustee of the OSNZ Postgraduate Education Trust; Co-opted member of ANSI Committee of the American Federal Drug Administration (ANSI = American National Standards for Glaucoma Drainage Implants).

Special honors: Distinguished Foreign Associate, Asia Pacific Academy of Ophthalmology (1996); The Goldmann Medal, established in 1994 by the International Glaucoma Association (1998); Honorary Fellowship of the College of Ophthalmologists of the College of Medicine of South Africa (2002); ONZM: Officer of the New Zealand Order of Merit (2006).

Professor Molteno has written 86 refereed journal articles, four non-refereed journal articles and he contributed five chapters to various books.

CURRICULUM VITAE

Edison T. Liu, MD

Special Advisor to the President, National University of Singapore, Executive Director, Singapore Cancer Syndicate, Director, Singapore Tissue Network.



Edison Liu was born in Hong Kong, China and received his bachelor's degree (Phi Beta Kappa) in chemistry and psychology from Stanford University where he remained to complete his M.D. in 1978. This was followed by internship and residency in internal medicine at Washington University, St. Louis, and clinical cancer fellowships at Stanford University (Oncology), and at the University of California at San Francisco (Hematology). He then pursued post-doctoral studies as a Damon-Runyan Cancer Research Fellow at the University of California at San Francisco in the laboratory of Dr. J. Michael Bishop. In 1987 when he joined the faculty of Medicine at the University of North Carolina at Chapel Hill. At UNC, Dr. Liu held faculty appointments in medicine, biochemistry, epidemiology, and genetics, and was director of UNC's Specialized Program of Research Excellence (SPORE) in Breast Cancer. Dr. Liu was leader of the Breast Cancer Program at the Lineberger Comprehensive Cancer Center, and co-founder of the Breast Care Center at UNC. In 1995, he was appointed Chief of the Division of Medical Genetics, School of Medicine, UNC. In 1996, he joined the NCI as the Director of the Division of Clinical Sciences. In this capacity, he was responsible for the scientific and administrative direction for the intramural clinical research arm of the NCI comprised of over 100 principal investigators, 400 trainees, and 1,200 employees.

In 2001, Dr. Liu assumed the position of Executive Director, Genome Institute of Singapore which is a key programme of the Biomedical Sciences Initiative of Singapore. The GIS now houses 230 individuals focused on integrating genomic sciences with cell and medical biology using systems approaches. His current scientific research investigates the dynamics of gene regulation on a genome scale that can explain biological states in cancer. Dr. Liu has contributed over 200 articles, reviews, and book chapters to the scientific literature. Dr. Liu also is the executive director of the Singapore Cancer Syndicate, a governmental funding agency supporting clinical translational cancer research, and the Managing Director of the Singapore Tissue Network, the national tissue repository in Singapore.

Dr. Liu has received a number of awards including the Leukemia Society Scholar (1991-1996), the Brinker International Award for basic science research in Breast Cancer (1996), the Rosenthal Award from the American Association for Cancer Research for his work in elucidating the importance of the HER-2 gene as a predictive marker for breast cancer adjuvant therapy (2000). Dr. Liu was recently the recipient of the President's Public Service Medal for his work in helping Singapore resolve the SARS crisis.

CURRICULA VITAE – FACULTY

NB. Many of these short CV sketches are no more than the tip of an iceberg of many pages with affiliations, honors, rewards, published literature etc. It would be impossible to publish all CV material we received. The CV sketch may have missed important information.

Manuel B. Agulto, MD

Title and Affiliation: Director, Institute of Ophthalmology, University of the Philippines, Manila, Philippines.

Area of Interest: Glaucoma

Leading positions: President, South-East Asian Glaucoma Interest Group (SEAGIG) (2007-2008); Executive Director, Eye Referral Center (1986-2007); Member, Editorial Board of Asian Journal of Ophthalmology, Philippine Journal of Ophthalmology; Member, International Advisory Council, the Association for Research and Vision Ophthalmology.



Iqbal Ike K. Ahmed, MD, FRCSC

Title and Affiliation: Professor, University of Toronto, Toronto, Ontario, Canada.

Fellowship Director, Glaucoma and Anterior Segment Surgery (GAASS) Fellowship, University of Toronto, Research Fellowship Director, University of Toronto, Department of Ophthalmology and Vision Sciences.



Makoto Aihara, MD PhD

Title and Affiliation: Assistant Professor in Department of Ophthalmology, University of Tokyo, Japan

Area of Interest: In basic glaucoma research animal glaucoma model especially in mouse, mechanism of IOP especially related to prostaglandins, and neuroprotection. To apply mouse eyes for glaucoma, our group has sent out basic information as to IOP including diurnal variation, aqueous humor dynamics, IOP reduction by drugs. Now pharmacological research is conducted using various transgenic mice. Also, various neuroprotective agents are investigated using *in vivo* rodent models and *in vitro* purified RGC and Muller cell culture under various stresses. My goal is to clarify the mechanism of IOP and IOP reduction, and to develop new neuroprotective



drugs and ocular hypotensive drugs. My clinical research interests are medical and surgical therapy, especially about trabeculectomy and bleb formation.

Leadership position: Board of Japanese Glaucoma Society, Board of Japanese Neuro-ophthalmological Society, Steering committee member of AIGS.

Albert Alm, MD, PhD

Title and Affiliation: Professor, Department of Ophthalmology, Uppsala University, Uppsala, Sweden.

Research interest: Glaucoma, Ocular blood flow.

Leadership positions: Professor, Department of Ophthalmology, University Hospital, Umeå, Sweden, 1984 to 1991, Professor, Department of Neuroscience/Ophthalmology, University Hospital, Uppsala, Sweden, since 1992.

Special honours: Alcon Research Institute's Award for 1994; Ilmarinen Honorary Lecture for the Swedish Ophthalmological Society 2006.



Wallace L.M. Alward, MD

Title and Affiliation: Frederick C. Blodi Chair in Ophthalmology; Professor and Vice-Chairman; Director, Glaucoma Service; University of Iowa Carver College of Medicine.

Research Interests: The molecular genetics of glaucoma; Pigmentary glaucoma; Normal tension glaucoma; Axenfeld-Rieger syndrome; Gonioscopy.

Leadership Positions: Director, American Board of Ophthalmology; Editorial Board, American Journal of Ophthalmology; Editorial Board, Journal of Glaucoma; Editorial Board, International Glaucoma Review.

Special Honors: Listed in *One Hundred Important Ophthalmology Books of the 20th Century* (Color Atlas of Gonioscopy). Thompson HS and Blanchard DL, Archives of Ophthalmology 119:761-763, 2001; 5th American Glaucoma Society Clinician – Scientist Lecture (2004); Lew R. Wasserman Award – Research to Prevent Blindness (2004).



Mario V. Aquino, MD, DPBO

Title and Affiliation: Professor; Emeritus Director and Head of Glaucoma Service, International Eye Institute, St. Luke's Medical Center; Former Head Glaucoma Service University of the Philippines.

Area of Interest: Management of Open Angle Glaucoma.

Leadership and Position: Founding President of the Philippine Glaucoma Society; Chairman, Examination Committee of the Philippine Board of Ophthalmology; Past Chairman Department of Ophthalmology and Visual Science, U.P.-P.G.H. Medical Center; Past Director of the Institute of Ophthalmology, University of the Philippines.

Special Honor: Most Outstanding Educator, Philippine Academy of Ophthalmology.

**Makoto Araie, MD, PhD**

Title and Affiliation: Professor and Chairman, Department of Ophthalmology, The University of Tokyo Graduate School of Medicine.

Awards: Suda Prize from Japan Glaucoma Society, 1992; Alcon Research Institute's Award, 1993; Japanese Ophthalmological Society Council Award, 1994.

Key area of interest: Glaucoma, Normal-tension glaucoma, Ocular blood flow, Ocular pharmacokinetics, Neuroprotection.

Publications: More than two hundred and fifty papers in peer-reviewed international journals.

Major committee assignments: 1996-Section Editor, Japanese Journal of Ophthalmology; 1997-Executive-Committee Member of Asian-Oceanic Glaucoma Society; 1998-Managing Trustee of Japanese Ophthalmological Society; 2001-2004 Editor, American Journal of Ophthalmology; 2003-Executive Committee Member of Glaucoma Research Society; 2003-Board of Governors Member of Association of Intl. Glaucoma Societies; 2004-2006 President, Japanese Society for Ocular Pharmacology; 2006-Editor, Journal of Glaucoma; 2006-President, Japan Glaucoma Society; 2007-President, Japanese Ophthalmological Society.

**Somkiat Asawaphureekorn, MD, MSc (Clinical Epidemiology)**

Title and Affiliation: Assistant Professor, Chief of Glaucoma Unit, Department of Ophthalmology, Srinagarind Hospital, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand.

Research interest: Diagnosis and treatment of angle closure glaucoma, Glaucoma imaging, Evidence-based Ophthalmology.

**Tin Aung, FRCSEd, FRCOphth, PhD (Lond)**

Affiliations: Consultant Ophthalmologist, Glaucoma Service, Singapore National Eye Centre, Consultant Ophthalmologist, National University Hospital, Singapore, Assistant Professor, Department of Ophthalmology, National University of Singapore, Associate Director, Singapore Eye Research Institute

Research Interests: Angle-closure glaucoma and the molecular genetics of eye diseases.

**Augusto Azuara-Blanco, PhD, FRCS (Ed)**

Affiliations: Aberdeen Royal Infirmary (NHS Grampian) and University of Aberdeen, UK

Research Interests: Diagnostic techniques, glaucoma surgery, quality of life, health economics, ocular surface, angle-closure glaucoma.

Publications: more than 80 articles, several book chapters and two books.

Leadership Positions: Consultant Ophthalmic Surgeon, Aberdeen Royal Infirmary; Honorary Senior Lecturer, University of Aberdeen. Glaucoma Section Editor of the British Journal of Ophthalmology, EYE, and the European Journal of Ophthalmology. Member of the scientific committee of the International Glaucoma Association. Trustee of the Scottish Charity "Fighting for Sight-Aberdeen."

Special Honors: Fellowship of the Royal College of Surgeons of Edinburgh (awarded without examination).

**Christophe Baudouin, MD, PhD (France)**

Title and Affiliations: Professor of Ophthalmology, Head of the Department of Ophthalmology, Ambroise Paré Hospital, APHP, University of Versailles, and Head of the Department III of Quinze-Vingts National Ophthalmology Hospital, Paris. Director of Ocular Immunotoxicology Unit, University Paris 5, Paris

Research Interests: Dry eye, ocular allergy, toxic side-effects induced by topical treatments, especially in glaucoma.

Leadership Positions: Editor-in-chief of the French Journal of Ophthalmology, President of the Ophthalmological Society of Paris and member of eight international societies.

**Khaled Ben Amor, MD**

Title and Affiliation: Head of Glaucoma Unit, Tunis Ophthalmology Associates, Clinique Ophtalmologique et ORL de Tunis, Tunisia.

Research interest: Glaucoma, Refractive Surgery, Prevention

of Blindness, Total Quality Management in Healthcare.

Leadership positions: General Secretary of the African Society of Glaucoma, General Secretary of the African Society of Refractive Surgery.



Philip Bloom, FRCS FRCOphth

Title and Affiliations: Consultant Ophthalmic Surgeon, Western Eye & Hillingdon Hospitals; Honorary Professor of Ophthalmology, Middlesex University; Honorary Senior Lecturer, Imperial College School of Medicine.

Research Interests: Trans-scleral and endoscopic cyclophotocoagulation; Combined cataract and glaucoma surgery; Spectacle independence following cataract surgery (including multifocal lens implantation, toric IOLs and incisional refractive surgery).

Leadership Positions / Special Honors: Service Director and Lead Clinician, Western Eye Hospital; Chief of Glaucoma Services, Hillingdon Hospital; Course Leader, Post-Graduate Diploma in Ophthalmology (Middlesex University); Surgical Tutor & Microsurgical Skills Faculty Member, Royal College of Ophthalmologists; Continuing Professional Development (CPD) representative (North Thames), Royal College of Ophthalmologists; Immediate Past Vice President, Ophthalmology section, Royal Society of Medicine; Hillingdon Hospital Post-graduate Clinical Tutor in Ophthalmology, Royal College of Ophthalmologists; Pastoral Tutor, Imperial College School of Medicine; Keeler Scholarship (Royal College of Ophthalmologists) 1994-5

Special Honors: Muthusamy Gold Medal, Royal College of Surgeons (Edinburgh) 1990.



Sonya L. Bennett, FRANZCO

Affiliations: Consultant Ophthalmologist at Greenlane Clinical Centre, Auckland and Manukau Super Clinic, South Auckland, New Zealand.

Areas of Interest: glaucoma genetics, angle closure glaucoma, tube drainage surgery.

Leadership Roles: Pharmacology Examiner for the Royal Australian and New Zealand College of Ophthalmologists.



Stephen J. Best, MD

Affiliation: Ophthalmology Department, Greenlane Clinical Centre, Auckland, New Zealand / Auckland Eye, Auckland, New Zealand.

Research Interest: Surgical Treatment of POAG / Neuro-ophthalmology aspects of glaucoma.

Leadership Position: Vice Chair Australian and New Zealand Glaucoma Interest Group.



Andreas G. Boehm, MD

Andreas G. Boehm is the head of the glaucoma service and the vice-chair of the Department of Ophthalmology of the University Dresden.

After finishing his residency at the University of Hamburg he worked as Glaucoma Fellow at the University of California San Diego under supervision of Dr. Robert N. Weinreb.

Since 2001 he has worked at the Department of Ophthalmology of the University Dresden. Dr Boehm has won research awards from the Saxonian Ophthalmologic Society (2004) and the German Society of Ocular Surgeons (2005).

Fields of interest Structure/function relation in glaucoma, tonometry and ocular circulation.



Christopher Bowd, PhD

Title and Affiliation: Assistant Research Scientist, Hamilton Glaucoma Center, Department of Ophthalmology, University of California, San Diego, CA, U.S.A.

Area of Interest: Optical imaging, structure-function relationships, machine learning classifier analysis, and clinical electrophysiology in glaucoma.

Leadership position: Co-director of the UCSD Imaging Data Evaluation and Analysis (IDEA) Center that is composed of the UCSD Optic Disc Reading Center and the UCSD Confocal Scanning Laser Ophthalmoscope Reading Center; Co-investigator on two National Institutes of Health (NIH) grants, one investigating structural and functional aspects of glaucoma in Americans of African descent and another investigating machine learning classifiers for improving interpretation of optical imaging and visual function data.

Special honors: Recipient of an NIH grant to investigate pattern electroretinogram and multi-focal visual evoked potential measurement in healthy, suspect and glaucoma eyes and is a past recipient of a Glaucoma Research Foundation award investigating machine learning classifiers for interpretation of optical imaging data.



James D. Brandt, MD

Title: Professor & Director, Glaucoma Service.

Affiliation: Department of Ophthalmology & Vision Science, University of California, Davis.

Research Interests: Pachymetry & tonometry techniques and their impact on clinical trials; Trabecular Meshwork physiology; New drug development (basic and clinical); Infantile and Pediatric glaucoma.

Leadership Positions: Editorial Board, Ophthalmology; Program Chair, American Glaucoma Society; Board of Directors, Glaucoma Research Foundation.

Special Honors: Senior Achievement Award, American Academy of Ophthalmology (2004); Secretariat Award, American Academy of Ophthalmology (2004).

**Anne M.V. Brooks, MD, BS, PhD (Melb), FRANZCO, FRACP, FFAO, FRCOphth**

Title and Affiliation: Head of General Eye Clinic 3 and Ophthalmologist to the Glaucoma Investigation and Research Unit, The Royal Victorian Eye and Ear Hospital (RVEEH), Melbourne; Senior Fellow, Department of Ophthalmology, University of Melbourne; Private practice (anterior segment).

Areas of Interest: Pseudoexfoliation; Corneal endothelial and iris changes in glaucoma; Selective Laser Trabeculoplasty; over 130 publications in peer-reviewed journals.

Leadership positions: Secretary, Australian and New Zealand Glaucoma Interest Group 1989-current; Past Chair of Victorian State Branch, RANZCO; Past Director of Eye, Ear, Nose and Throat Research Institute; Past Chair, Eye Section, Senior Medical Staff, RVEEH; Member of editorial boards of *Clinical and Experimental Ophthalmology* and *Comprehensive Ophthalmology Update*.

**Claude F. Burgoyne, MD**

Title and Affiliation: Senior Scientist and Van Buskirk Chair in Ophthalmic Research; Research Director, Optic Nerve Head Research Laboratory, Devers Eye Institute, Portland, OR, USA.

Research Interests: Physiology and pathophysiology of the optic nerve head and peripapillary sclera. Optic nerve head biomechanics. Optic nerve head aging. Clinical detection of the onset and progression of optic nerve head surface and subsurface. change in Glaucoma. 3D Histomorphometry. 24 Hour Intraocular pressure (IOP) characterization by telemetry.

Leadership Positions: Editorial Board Member: Current Eye Research, Canadian Journal of Ophthalmology (International



Advisory Board), Journal of Glaucoma. American Academy of Ophthalmology Glaucoma Subspecialty Day Program Committee Co-chairman and Chair, 2004 and 2005. Association for Research in Vision and Ophthalmology (ARVO) Glaucoma Program Committee member and chair (2008). Consultant to the Ophthalmic Device Panel of the FDA Medical Device Advisory Committee, 2005-2009.

Special Honors: Member by Invitation, The Glaucoma Society of the International Congress of Ophthalmology (2003); Member, Best Doctors in America, since 2003. Recipient, Association of International Glaucoma Societies' AGIS Research Award, 2004.

Reinhard Burk, MD, PhD

Title: Professor Dr. med. Dr. med. habil.

Affiliation: Department of Ophthalmology, Städtische Kliniken Bielefeld, Bielefeld, Germany.

Teaching Position: Department of Ophthalmology, University of Heidelberg, Department of Ophthalmology, Städtische Kliniken Bielefeld.

Research Interests: Development of three-dimensional optic nerve head structure analysis by Laser Scanning Tomography (HRT); Surgical modifications of deep sclerectomy and viscocanalostomy by irrigation trabeculotomy and ab externo laser trabeculotomy (US patent).

Leadership Positions: 1992-2001 Vice Director, Department of Ophthalmology, University of Heidelberg; since 2001 Director and Head, Department of Ophthalmology, Kliniken Bielefeld

Awards: 'Glaukompreis' of the Deutsche Ophthalmologische Gesellschaft DOG.

**Yvonne M. Buys, MD, FRCSC**

Title and Affiliation: Associate Professor at the University of Toronto, Department of Ophthalmology and the Co-Director of the Glaucoma Unit at the University Health Network.

Teaching: Dr. Buys has designed and implemented a unique and comprehensive introductory course for ophthalmology residents at the University of Toronto. This course is the only one of its kind in Canada, and has been recognized nationally and internationally for its unique educational value.

Leadership positions: College of Physicians and Surgeons of Ontario, the Canadian Glaucoma Society (currently the Secretary and Treasurer), the American Glaucoma Society, past president of the Toronto Area Glaucoma Society, a deputy for the Ophthalmology section of the Ontario Medical Association and the Toronto Hospital Research Institute, among many others.

Awards: Toronto Hospital Anderson Award in 1998, and the University of Toronto Clive Mortimer Postgraduate Teaching Award in 1999.



Roberto G. Carassa, MD

Title and Affiliation: Chief Glaucoma Service, Dept. Ophthalmology and Visual Sciences, H S. Raffaele, Milano, Italy.

Research Interests: Early glaucoma Diagnosis by Image analysis of the optic disc; New lasers applications in glaucoma; New drugs for medical glaucoma treatment; New non-penetrating surgery for glaucoma.

Leadership positions: Editor-in-chief of the Journal Rivista Tri-mestrale di Oftalmologia; Member of the Scientific Editorial Board of the European Journal of Ophthalmology; Member of the International Editorial Board of the Journal Ocular Surgery News: Europe/Asia Pacific Edition.

**Subhabrata Chakrabarti, PhD**

Title and Affiliation: Scientist, Brien Holden Eye Research Centre, L.V. Prasad Eye Institute, Hyderabad, India.

Research Interests: Genetics of primary and developmental glaucomas, Evolution and migration of disease genes, Genotype-phenotype correlation, Molecular diagnostics.

Leadership Positions: Associate advisory board member, AIGS; Executive member, Indian Society of Human Genetics; Member of the Institutional review Board, LVPEI; Doctoral Advisory Committee, BITS-Pilani, Visiting Scientist, NEI, NIH; Principal investigator and coordinator in 3 international projects on myopia, glaucoma and AMD.

Special Honours: Clinician Scientist Award for attending the World Glaucoma Congress in Vienna July 2005; Indian National Science Academy (INSA) Young Scientist Medal, New Delhi (2006); Associate of the Indian Academy of Sciences, Bangalore (2004-2007); University Grants Commission (UGC) Research Fellowship (August, 1996-2000) and Lectureship in 1995; Government of India National Scholarship in 1995, for standing first in Anthropology in B.Sc (Hons) in Calcutta University.

**Balwantray Chauhan, PhD**

Title and Affiliation: Professor, Research Director and Chair in Vision Research, Department of Ophthalmology and Visual Sciences, Dalhousie University, Halifax, N.S. Canada; Professor, Department of Physiology and Biophysics, Dalhousie University, Halifax, N.S. Canada; Affiliated Scientist, Queen Elizabeth II Health Sciences Centre, Halifax, N.S., Canada.

Research Interests: Structural and functional changes in glaucoma; Risk factors for the progression of glaucoma; Novel analytical techniques; Experimental optic nerve damage.



Leadership Positions: Chair, Programme Planning Committee, Glaucoma Section, Association for Research in Vision and Ophthalmology; Scientific Advisory Committee, Glaucoma Research Foundation; Medical Advisory Board, The Glaucoma Foundation.

Special Honors: Chair in Vision Research, Dalhousie University; Clinical Research Scholar, Dalhousie University; Joint International Glaucoma Societies recognition for top ten publications in glaucoma in 1999, 2001, 2003 and 2005; Wilmer Distinguished Lecturer, February 2004; Irving H. Leopold Honoree, 2006.

Paul Chew Tec Kuan, MBBS (Singapore), MMed (Ophthalmology), FRCS (Edinburgh), FRCOphth.

Title and Affiliation: Associate Professor, Department of Ophthalmology, National University of Singapore; Chief, Department of Ophthalmology, National University Hospital; Head, Glaucoma Service, The Eye Institute, National Healthcare Group.

Areas of Interest: Glaucoma Research, Angle Closure Glaucoma, Imaging, Laser Surgery and Medicine (of Glaucoma).

Leadership Positions: Editor in Chief of the 'Asian Journal of Ophthalmology'; Editorial Board for 'The Asia Pacific Journal of Ophthalmology'; Editorial Board of the 'Journal of Clinical & Experimental Ophthalmology' (Australian Journal of Ophthalmology); Founder and Secretary of the South East Asian Glaucoma Society (SEAGIG), currently on its Executive committee; Regional representative for Asian-Oceanic Glaucoma Society; President, Singapore Glaucoma Society Member, Scientific Advisory Board, Singapore Eye Research Institute.

**Scott R. Christensen, BA, MBA**

Title and Affiliation: President and Chief Executive Officer, The Glaucoma Foundation, New York, NY, USA.

Area of Experience: After spending 25 years in finance, banking and real estate, including a term as President and CEO of a financial institution, Scott moved into the not-for-profit sector. Prior to becoming a part of The Glaucoma Foundation team, he served in senior positions in management, development and fundraising at Colgate University, the Juvenile Diabetes Foundation and New York Medical College. He holds a B.A. in English from Colgate University and an M.B.A. in Finance from Seton Hall University.

Leadership Positions: Currently President of the AIGS affiliated organization, Association of International Glaucoma Patient Organizations (AIGPO), which exists to better the lives of glaucoma patients by encouraging the establishment of and cooperation among Glaucoma Patient Organizations worldwide.



Anne L. Coleman, MD, PhD

Title and Affiliation: Professor of Ophthalmology, Frances & Ray Stark Chair in Ophthalmology Jules Stein Eye Institute, David Geffen School of Medicine at UCLA, Los Angeles, California, U.S.A.

She became the Director of the Jules Stein Eye Institute Center for Eye Epidemiology in 1998, Director of the Jules Stein Eye Institute Mobile Eye Clinic in 2000, and a Professor of Ophthalmology and Epidemiology at UCLA in 2003. In 2004, she was the recipient of the Frances and Ray Stark Endowed Chair at UCLA and Senior Achievement and Secretariat awards from the American Academy of Ophthalmology. She is Past-President of Women in Ophthalmology, a Consultant of the US Food and Drug Administration Ophthalmic Devices Panel, an investigator of the Ocular Hypertension Treatment Study, a member of the American Academy of Ophthalmology Health Policy Committee, a member of the US Cochrane Collaboration Eyes and Vision Steering Group and the Chair of the American Academy Of Ophthalmology's Glaucoma Knowledge-Based Panel. Dr. Coleman is currently Principal Investigator of a collaborative multi-site study funded by the National Eye Institute on the incidence of age-related macular degeneration in elderly women. She has authored or coauthored more than 100 peer-reviewed publications and has given numerous national and international lectures.

**Nathan Greenleaf Congdon, MD, PhD**

Title and Affiliation: Professor, Department of Ophthalmology, Chinese University of Hong Kong; Professor, Joint Shantou International Eye Center, Shantou, PRC; Advisor, Project Vision, Hong Kong

Awards: P. Robb McDonald Award (Fellows= Research Award), Wills Eye Hospital, 1998; RPB Career Development Award, 1999-2003; K-23 Career Development Award, NEI, 1999-2004; Wilmer Resident Teaching Award, 2002; APAO Outstanding Service in Prevention of Blindness Award, 2007.

**Michael A. Coote, MB, BS, FRANZCO**

Title and Affiliation: Consultant surgeon Glaucoma Unit Royal Victorian Eye and Ear Hospital Melbourne Australia, Head Glaucoma Device Investigation Unit Centre for Eye Research Australia, former head of Ophthalmology The Northern Hospital, adjunct Associate Professor Latrobe University. *Areas of Interest:* Glaucoma De-



vice development, complex surgical problems.

Leadership Positions: Chairman of Medical Staff SVMPH, Board Member MHAC, Managing partner MES.

M Francesca Cordeiro, MD, PhD

Title and Affiliation: UCL Reader Institute of Ophthalmology and Hon Consultant Ophthalmologist Western Eye Hospital London.

Leadership Positions: Head of Glaucoma & Retinal Neurodegeneration Research Group

Research: Molecular mechanisms involved in either the treatment or pathogenesis of glaucoma and retinal neurodegenerative diseases, and novel and translational approaches to these problems

Special Honors: 2005 Lewis Rudin Glaucoma Prize from the New York Academy of Medicine, 1999 International Glaucoma Review Award, 1998 Moorfields Research Gold Medal.

**Jamie E. Craig, MD**

Title and Affiliations: Associate Professor Ophthalmology, Flinders University, Consultant Ophthalmologist, Flinders Medical Centre; Australian NHMRC Practitioner-Fellow; Department of Ophthalmology, Flinders University, South Australia.

Research Interests: Glaucoma Genetics, Cataract Genetics.

Leadership Positions: Head Glaucoma Clinic – Flinders Medical Centre.

Special Awards: Senior Achievement Award American Academy of Ophthalmology (2003); Director of International Relations American Society of Cataract and Refractive Surgery (2003).

**Jonathan Crowston MD, PhD**

Title & Affiliation: Professor, University of Melbourne and Centre for Eye Research Australia.

Research Interests: Neuroprotection, apoptosis, mouse glaucoma models, wound healing aqueous humor dynamics.

Leadership Positions: Head of Glaucoma, Royal Victoria Eye and Ear Hospital & Director Basic Science Division Centre for Eye Research Australia. Associate EVP AIGS.

**Tanuj Dada, MD**

Title and Affiliation: Associate Professor of Clinical Ophthalmology, Dr Rajendra Peasad Centre for Ophthalmic Sciences, All India Institute of Medical Sciences, New Delhi.

Research interest: Anterior segment imaging, congenital glaucoma, pre-perimetric glaucoma.

Leadership positions: Editor-in-Chief of Current Glaucoma Practice; Global Editor of the Glaucoma Section of World Ophthalmology Report.

Special honours: Gold medals for best graduate, post graduate and senior registrar and Gold Medal for the best clinical research conducted under the age of 35 years at the All India Institute of Medical Sciences, New Delhi. Awarded AC Agarwal Trophy three times for best free paper by the Delhi Ophthalmological Society. Best poster award by European Glaucoma Society (2004). Reviewer for Acta Ophthalmologica, Clinical and Experimental Ophthalmology, Journal of Cataract and Refractive Surgery and Indian Journal of Ophthalmology.



Elie Dahan, MD, M.Med.Ophth.

Title and Affiliation: Director of the Oxford Eye Centre. Honorary Senior Consultant in Glaucoma and Pediatric Ophthalmology, University of the Witwatersrand, Johannesburg, South Africa. Formerly Head of the St John Eye Hospital, University of the Witwatersrand, Johannesburg, South Africa.

Areas of interest: Non-Penetrating Glaucoma Surgery. Minimally Penetrating Glaucoma Surgery. Congenital Glaucoma Surgery. Complicated Anterior Segment Surgery. Pediatric Anterior Segment Surgery.

Leadership positions: Co-founder of the International Society of Ocular Inflammation. Co-founder of the International Society of Glaucoma Surgery. Head of the St John Eye Hospital Johannesburg South Africa. Member in Editorial Review Board in Ophthalmological journals. Author of chapters in books on Glaucoma and Pediatric Cataract Surgery. Inventor of Intraocular Lenses, Surgical Ophthalmological Instruments, Glaucoma Drainage Devices.

Special honors: D.J. Wood Memorial Award of the South African Ophthalmological Society. Paul Harris Fellow. Guest of Honour lectures in many scientific congresses.



Helen V. Danesh-Meyer, MBChB, MD, FRANZCO

Title and Affiliation: Associate Professor, University of Auckland New Zealand.

Areas of Interest: Optic Nerve Morphology, Normal Tension Glaucoma, Neuro-ophthalmology, Ocular Imaging Modalities, Ischemic Optic Neuropathy.

Leadership positions: Founding Trustee Glaucoma New Zealand; Co-Editor Clinical Challenges Survey of Ophthalmology; Section Editor Clinical Experimental Ophthalmology, Editorial



Board Clinical Journal of Neuroscience, Chairman of Research Committee, Save Sight Society; Scientific Research Committee of Ophthalmic Research Institute of Australia.

Seng Kheong Fang, MBBS (Malaya), MS Ophthalmology (UKM), AM (Mal)

Title and Affiliation: Senior Consultant Ophthalmologist, The Tun Hussein Onn National Eye Hospital (Until end May 2007), International Specialist Eye Center, Kuala Lumpur (from June 2007).

Areas of Interest: Angle closure glaucoma, lens induced glaucoma, insertion of glaucoma drainage devices, phacoemulsification for complicated cataracts

Leadership Positions: Honorary Secretary South East Asian Glaucoma Interest Group (SEAGIG), Society Editor International Glaucoma Review, Past Vice Chairman Ophthalmological society of Malaysian Medical Association, Regional representative Asia Oceanic Glaucoma Society, Scientific Committee Asian Angle Closure Club, Chairman Malaysian Association of Small Incision Surgeons, Committee member Malaysian Glaucoma interest Group.

Special Honours: Distinguished service award from Asia Pacific Academy of Ophthalmology (APAO) 2007.



Robert D. Fechtner, MD

Title and Affiliation: Professor of Ophthalmology and Director, Glaucoma Division, Institute of Ophthalmology and Visual Science, New Jersey Medical School, Newark, NJ.

Areas of Interest: Glaucoma diagnostic technology, glaucoma pharmacology, glaucoma surgery.

Dr. Fechtner is an active member of numerous scientific and medical organizations with committee or leadership positions in the American Academy of Ophthalmology, the Association for Research in Vision and Ophthalmology, the American Society of Cataract and Refractive Surgeon, the American Glaucoma Society, the International Society for Imaging of the Eye and the Association of International Glaucoma Societies. He has served on the editorial boards of American Journal of Ophthalmology, Journal of Glaucoma, Review of Ophthalmology, Video Journal of Ophthalmology and Eyenet.



William J. Feuer, PhD

William J. Feuer is a Senior Research Associate in Biostatistics at the Bascom Palmer Eye Institute, University of Miami School of Medicine. He is currently coordinating center principal investigator of the multi-center Ahmed Baerveldt Comparison clinical trial.

Research interests: Application of regression, experimental design, and survival methods in ophthalmological settings. He has served as either study statistician or monitoring board statistician on numerous clinical trials of glaucoma treatments including the 5-FU treatment trial, the Ocular Hy-

pertension Treatment Study, and the Tube Versus Trabeculectomy Study. He has authored and co-authored over 150 articles in the peer-reviewed literature and has received the American Academy of Ophthalmology's Achievement Award.



Murray Fingeret, OD

Title and Affiliation: Chief, Optometry Section, Dept Veterans Affairs, New York Harbor Healthcare System, Brooklyn, NY, Clinical Professor, State University of New York, College of Optometry, New York, NY.

Research Interests: Perimetry, New Technologies and Imaging.

Leadership Positions: President, Optometric Glaucoma Society; Chair Glaucoma Diplomat Program, American Academy of Optometry; Board Member The Glaucoma Foundation.

Special Honors: Carel C. Koch Medal American Academy of Optometry 2006.



Josef Flammer, MD

Title and Affiliation: Professor and Head, Department of Ophthalmology, University of Basel (Switzerland)

Area of Interest: Blood flow; systemic risk factors

Leadership position: Prof. and Head of Department of Ophthalmology, University of Basel (since 1987)

Special honors: Honorary guest Meeting of the Nobel Prize Laureates, Lindau (Germany) (2003 and 2005); Invited Professor Dalhousie University, Halifax (Canada) (2004); Medal of the University of Helsinki (Finland) (2004); Guest Lecturer at the UK & Eire Glaucoma Society (England) (2005); Krushner Lecture, IGA London (England) (2006); Gold Medal, Saudi Ophth. Society, Riyadh (Saudi Arabia) (2006); Guest Lecturer of the South African Ophthalmology Society (Johannesburg) (2006); Guest Lecturer of the Japanese Glaucoma Society (Japan) (2006).



John G. Flanagan, PhD

Titles and Affiliations: Professor, Department of Ophthalmology and Vision Sciences, Faculty of Medicine, University of Toronto; Professor, School of Optometry, University of Waterloo;

Senior Scientist, Toronto Western Research Institute, Toronto Western Hospital, University Health Network.

Research Interests: Glaucoma: Pathophysiology of glau-

coma. Cell culture model of glaucoma. Biomechanics of the lamina cribrosa and optic nerve. Ocular hemodynamics. Clinical psychophysics and imaging. Aspects of spatial and temporal vision processing. Structure/Function relationships. Diurnal variation in ONH topography, IOP, blood pressure and ocular perfusion. Diabetic Eye Disease: Particular interest in diabetic macular edema and its natural history. Ocular hemodynamics in diabetes. Clinical psychophysics and imaging.

Leadership Positions: Director of the Toronto Western Research Institute's Glaucoma Research Unit

Special Honors: Recipient of the AAO's Glenn A. Fry Award (2004); Plenary Lecturer, American Academy of Optometry (2003); Springer Lecturer, University of Alabama in Birmingham (2003).

Certificate of Merit for Research Excellence, Glaucoma Research Society of Canada (2001).



Brad Fortune, OD, PhD

Title and Affiliation: Associate Scientist and Director, Clinical Electrophysiology Service, Devers Eye Institute, Legacy Health Systems, Portland, OR; Clinical Instructor, Dept. of Ophthalmology, School of Medicine, Oregon Health Sciences University, Portland, OR.

Research Interests: Visual Function and Retinal Nerve Fiber Layer Structure.

Special Honors: Founding Member, Optometric Glaucoma Society (2002); Irvin and Beatrice Borish Award, American Academy of Optometry (2004); Junior Investigator Award, International Society for Clinical Electrophysiology of Vision (ISCEV) (2000).



Kevin D. Frick, PhD

Title and Affiliation: Associate Professor, Department of Health Policy and Management Johns Hopkins Bloomberg School of Public Health.

Areas of interest: Cost-effectiveness, particularly for eye care. Burden of disease, particularly for visual impairment.

Leadership positions: Serving on the National Advisory Council for the National Institute of Nursing Research. Has served on the awards and program committee for the American Public Health Association Vision Care Section.

Awards: John M. Eisenberg Article-of-the-Year in *Health Services Research*, (2006); Student Coordinating Committee Faculty Award, Johns Hopkins University, Bloomberg School of Public Health, Department of Health and Management



(2001); *Atlantic Economic Journal* Best Article Award for Cross product subsidization in the health insurance market with managed care: a model and issues (2000).

David S. Friedman, MD, PhD

Title and Affiliation: Associate Professor, Wilmer Eye Institute, Johns Hopkins University School of Medicine; Associate Professor, Department of International Health, Johns Hopkins Bloomberg, School of Public Health.

Areas of Interest: Angle Closure Glaucoma, Eye Disease and Aging, Evidence-Based Medicine, Patient Adherence including Patient-Doctor Interactions.

Leadership positions: Editorial Board member of Ophthalmology and Journal of Glaucoma; Co-Chair: AIGS Consensus Panel on Angle Closure Glaucoma; Junior Advisory Board member of AIGS Board of Governors; Member of AGS Practice Guidelines Committee, Senior Technical Advisor of Orbis International.

Special Honors: American Geriatrics Society Douglas Jahnigen Award (2003 – 2005); Research to Prevent Blindness Robert E. McCormick Award (2000).



Stefano Gandolfi, MD

Title and Affiliation: Professor of Ophthalmology and Chairman of the University Eye Clinic University of Parma, Parma, Italy.

Research Interests: Glaucoma pharmacology; evaluation of glaucoma surgeries: non penetrating surgery, Ex-press, trabecular stent etc.; pigmentary glaucoma; neuroprotection; health economics in glaucoma; contrast sensitivity in glaucoma.

Special Honors: EGS award for the best scientific contribution to the quadrennial Meeting in London 2000 and Florence 2004 EGS award for the 3rd scientific contribution to the quadrennial meeting, Paris 1996.



David F. Garway-Heath, MD FR-COphth

Title and Affiliations: Consultant Ophthalmologist and Clinical Research Lead - Glaucoma Research Unit, Moorfields Eye Hospital, London; Hon. Visiting Professor, City University, London; Hon. Senior Lecturer, Institute of Ophthalmology, London, United Kingdom.

Research Interests: optic nerve head and retinal imaging, visual function, structure/function relationships, tonometry, phenotyping, measuring disease progression, and determining risk factors for progression.

Leadership Positions: ARVO – Glaucoma Section Program Committee Member; Imaging Morphometry Association for



Glaucoma in Europe (Secretary); International Glaucoma Association (Trustee); International Perimetric Society (Board member); Glaucoma Research Society (member); Editorial Board Member: Eye, Current Eye Research, and Ophthalmic and Physiologic Optics.

Special Honours: Achievement Award – American Academy of Ophthalmology.

Jian Ge, MD, PhD

Title and Affiliation: Director and president, Zhongshan Ophthalmic Center, Eye Hospital, State Key Laboratory of Ophthalmology, Sun Yat-sen University Guangzhou, 510060, P.R. China

Area of interest: Phacoemulsification in the treatment of glaucoma; Shunt surgery in the refractive glaucoma; Gene screen and function in familial primary open angle glaucoma; Stem cell and tissue engineering in regenerative ophthalmology; Modulation of scar formation after anti-glaucoma surgery; Reconstruction of natural glaucoma animal model; Mechanism of experimental myopia in rhesus monkeys.

Leadership positions: President of Chinese Glaucoma Society; Vice President of Chinese Ophthalmological Society.



Ronnie George, MD

Title and Affiliation: Consultant, Glaucoma Services, Sankara Nethralaya, Chennai, India. *Areas of Interest:* Glaucoma epidemiology, Glaucoma diagnostics, Angle Closure Glaucoma.

Leadership Positions: Member, Associate Advisory Board, AIGS. *Special Honors:* Thiru.CK. Kumaraswamy Gold Medal from the Tamil Nadu Medical University, Ruby Banik Award from Vision Research Foundation, Chennai.



Christopher A. Girkin, MD, M.S.P.H.

Title and Affiliation: Professor with Tenure, Director, Glaucoma Service, UAB Department of Ophthalmology, 4th Floor Callahan Eye Foundation Hospital, Birmingham, AL, U.S.A.

Research Interests: Implications of racial differences in optic nerve structure on glaucoma management and pathogenesis.

Leadership Positions: Chair, AGS communication/Education Committee.

Special honors: Eyesight Foundation Eminent Scholar 2007.



Ivan Goldberg, MBBS, FRANZCO, FRACS

Title and Affiliation: Clinical Associate Professor, Eye Associates; the Save Sight Institute and Department of Ophthalmology, University of Sydney; and the Glaucoma Services, Sydney Eye Hospital.

Research Interests: Clinical glaucoma – diagnosis and management.

Leadership Positions: President, AIGS (Association of International Glaucoma Societies); President of ANZGIG (Australian and New Zealand Glaucoma Interest Group); Vice President, Glaucoma Australia; Immediate Past President, SEAGIG (South East Asia Glaucoma Interest Group); Past President, Royal Australian and New Zealand College of Ophthalmologists; Past Censor-in-Chief, Royal Australian and New Zealand College of Ophthalmologists; Past Chair, Board of Examiners, Royal Australian and New Zealand College of Ophthalmologists; Executive Committee Member, Asian Oceanic Glaucoma Society; Chair, Working Party, Asia Pacific Glaucoma Guidelines.

Special Honors: Tow Prize, Prince Henry, Prince of Wales Hospitals, University of New South Wales; Silver Cockerel Award, Royal Australian and New Zealand College of Ophthalmologists; Hollows Lecturer, Royal Australian and New Zealand College of Ophthalmologists.



H. Fernando Gomez Goyeneche, MD

Title and Affiliation: Professor. Director of the Glaucoma Fellowship Program at the Nueva Granada University in Bogotá, Colombia. Head of Glaucoma Clinic at the Military Hospital. Scientific Director of an Ophthalmology Diagnostic Center.

Research Interest: Angle Closure Glaucoma, Glaucoma diagnosis and progression.

Leadership Positions: Vice president of the Colombian Glaucoma Society. Vocal of the Colombian Society of Ophthalmology. Board member of the Latin American Glaucoma Society. 2004 alumni of the Leadership Development Course of the PAAO and AAO.

Special Honors: Invited speaker in numerous meetings, special recognition for various investigational projects.



Francisco J. Goñi, MD, PhD

Title and affiliation: Consultant in the Barcelona Glaucoma Center, at USP-Instituto Oftalmológico de Barcelona (IOB), and Chief of Ophthalmology department at Hospital de Mollet-Barcelona, Av Diagonal 632 08017 Barcelona, Spain. E-mail: francisgoni@yahoo.com

Areas of Interest: Glaucoma diagnosis and glaucoma medical treatment.



Stuart L. Graham MBBS, PhD, MS, FRANZCO, FRACS

Affiliation: Save Sight Institute, Sydney University, Australia

Research Interests: Glaucoma subspecialist. Special interest in perimetry and diagnostic techniques in glaucoma using electrophysiology. Extensive experience with the Multifocal VEP and its application to objective perimetry. Developed the AccuMap system with Dr Alex Klistorner.

Positions: Clinical Lecturer Sydney University, Secretary and Research Committee Ophthalmic Research Institute of Australia.



David S. Greenfield, MD

Title and Affiliation: Professor of Ophthalmology, Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, Miami, Florida, U.S.A.

Research Interests: Optic disc and retinal nerve fiber imaging, glaucoma diagnosis, normal-tension glaucoma, bleb-related ocular infection, and complex glaucoma filtration surgery.

Leadership Positions: Co-founder of the International Society for Imaging in the Eye (ISIE); member of the editorial boards of *American Journal of Ophthalmology*, *Journal of Glaucoma*, and *Ophthalmic Surgery Lasers and Imaging*; Chair of the American Glaucoma Society Bylaws and Strategic Planning Committee; member of the AGS Scientific Program Committee, the AAO Glaucoma Subspecialty Day Committee and Technology Assessment Committee; Chair of the Glaucoma Subspecialty Day of the American Academy of Ophthalmology (2003-4).

Special Honors: Awarded the 2003 American Academy of Ophthalmology Achievement Award, and National Institutes of Health grants RO1 EY013516 and EY08684.



Franz Grehn, MD

Title and Affiliation: Chairman of the Department of Ophthalmology, Würzburg, Germany.

Research Interests: Basic and clinical research in glaucoma, microsurgery. Laboratory for cell biology in glaucoma research. Prospective Randomized Clinical Studies.

Leadership Positions: Member of the Executive Committee of the European Glaucoma Society; President of the German Society of Ophthalmology (2002-2003); Member of the Executive board of the Glaucoma Society of the International Congress of Ophthalmology (2003); Honorary Member of the Romanian Academy of Medical Sciences (2005). Member of the Board of Governors of the Association of International Glaucoma Societies (2007)



Erik L. Greve, MD, PhD

Title and Affiliation: Professor, Executive Vice President AIGS, Chief and Managing Editor International Glaucoma Review, former head Glaucoma Department University of Amsterdam, etc.

Areas of Interest: Progression, Angle Closure Glaucoma, Normal Pressure Glaucoma.

Leadership positions: Executive Vice President AIGS, Chief and Managing Editor International Glaucoma Review; Past President and co-founder of the EGS; Past Vice President of the Organization Committee of the ICO; Past Vice President of the Netherlands Ophthalmological Society; Past General Secretary and co-founder of the IPS; Past President and founder of the Netherlands Foundation for the Blind and Visually Handicapped Founder International Glaucoma Review, etc.

Special Honors: Knight in the Order of the Netherlands Lion; Guest of Honor lectures at numerous occasions, Honorary Member of the IPS.

**Daniel Grigera, MD.**

Title and Affiliation: Assistant Professor of Ophthalmology, Universidad del Salvador, Buenos Aires, Argentina; Affiliation: Head, Glaucoma Service, Hospital Oftalmológico Santa Lucia, Buenos Aires.

Research Interests: Glaucoma Surgery; Ultrasound Biomicroscopy; Medical Therapy.

Leadership Positions: Past President, Argentine Glaucoma Society; President, Pan American Glaucoma Society; Member of the Executive Committee and Editor, Latin American Glaucoma Society; Member of the Board of Governors and Steering Committee of the AIGS.

**Franz H. Grus, PhD MD**

Title and Affiliation: Head of Experimental Ophthalmology, Dept. of Ophthalmology, Universitäts-Augenklinik, Mainz, Germany.

Research Interests: Glaucoma: changes in natural autoimmunity in glaucoma patients; Tear film: Biomarkers for non-invasive diagnostics and therapeutics; Ocular Proteomics: Protein Chips and Arrays, Mass-spectrometry, conventional Proteomics; Ocular Immunology; Computer Sciences:

Pattern matching algorithms for diagnostics purposes; Development of specialized software modules.

**Neeru Gupta, MD, Ph.D, FRCSC, DABO**

Title and Affiliation: Associate Professor of Ophthalmology and Vision Sciences and Laboratory Medicine and Pathobiology,

University of Toronto, Glaucoma and Nerve Protection Unit, Keenan Research Centre at the Li Ka Shing Knowledge Institute of St. Michael's Hospital.

Research Interests: Glaucoma neural degeneration in the central visual system; mechanisms of glaucomatous disease; basic and clinical research in the area of neuroprotection in glaucoma.

Current Leadership Positions: Director of St. Michael's Hospital Glaucoma and Nerve Protection Unit, University of Toronto; Counsellor of the Canadian Glaucoma Society; Director of the Institute of Medical Science Undergraduate Research Program and International Summer Student Program, University of Toronto; Executive Member of the Clinical Sciences Research Committee of the Keenan Research Centre in the Li Ka Shing Knowledge Institute of Michael's Hospital; Executive Member of the University of Toronto Comprehensive Research Experience for Medical Students (CREMS) Advisory Committee; Chair of Glaucoma Surgeons Committee for Teaching Hospitals, University of Toronto; Board Member for Women in Ophthalmology, Editorial Board Member of Glaucoma Today.

Special Honours: Invited lectures at various institutions.

**Alon Harris, MD**

Title and affiliations: Letzter Endowed Professor of Ophthalmology, Professor of Physiology and Biophysics, Department of Ophthalmology, Department of Physiology and Biophysics, Physiology graduate program, Indiana University, School of Medicine, Indianapolis, IN, U.S.A.

Research Description: To determine mechanisms involved in the etiology and pathophysiology of diseases of the eye such as glaucoma, age-related macular degeneration, diabetic retinopathy; specifically to determine the role of ischemia in the development and pathogenesis of these diseases by applying appropriate technology. To discover therapeutic agents for addressing ocular ischemia.

Leadership positions: Associate Editor, Acta Ophthalmologica; Governing Board Member, International Society for Imaging in the Eye; Director, Glaucoma Research and Diagnostic Center.

Special honors: Research to Prevent Blindness William and Mary Greve International Research Scholar Award Recipient; Letzter Endowed Chair of Ophthalmology; Glenn W. Irwin Jr. MD. Experience Excellence Recognition Award Recipient.

**Curt Hartleben, MD**

Title and Affiliation: Professor of Glaucoma, Instituto de Oftalmología, Mexico City, Mexico. Head of Clinical Research, Glaucoma Department, Instituto de Oftalmología.

Areas of Interest: Early detection of Glaucoma, Epidemiology, Patient Awareness and Quality of Life.

Leadership positions: Former Head of the Glaucoma Department,

ment, Instituto de Oftalmología, Mexico City, Mexico. Expressident, Asociación Mexicana de Glaucoma, Chief Coordinator, National Glaucoma Detection Day, 2000, representative for Mexico to the Aigs, Panamerican Glaucoma Association. and the Lags, (Latin American Glaucoma Association.)



Ronald S. Harwerth, OD, PhD

Title: John and Rebecca Moores Professor of Optometry.

Affiliation: College of Optometry, University of Houston, Houston, TX, USA.

Research interest: Structure-function relationships in experimental and clinical glaucoma, perimetry, retinal nerve fiber layer, clinical psychophysics.

Leadership positions: Chair of the Department of Vision Sciences, College of Optometry

Special honors: Doctor of Science (honorary), State University of New York (2000); Alumnus of the Year, University of Houston, College of Optometry (2000); International Glaucoma Research Award, (2000); Member, Board of the International Perimetry Society (2002); UHCO Outstanding Graduate Faculty Award (2003); Best Scientific Poster Presentation, World Glaucoma Congress (2005); Charles F. Prentice Medal, American Academy of Optometry (2006).



Mingguang He, MD PhD

Title and Affiliation: Professor, Department of Preventive Ophthalmology, Zhongshan Ophthalmic Center; Country Director, Helen Keller International, New York.

Research Interests: Cross-sectional research of glaucoma, myopia in Chinese; Anterior segment and iris dynamics in the mechanism of angle closure; Natural history of angle closure glaucoma; Evidence-based assessment of the intervention in angle closure glaucoma; Population genetic of eye diseases in Chinese.

Leadership position: Vice-chairman, Panel of Prevention of Blindness (National), Chinese Ophthalmological Society.

Special Honors: Graduate Research Scholarship, University College London (2002); Top 10 Best Poster, World Glaucoma Congress (2005); Best Paper Presentation, South East Asia Interest Group Conference (2006); New Century Excellent Talents in University (NCET), Ministry of Education (2007).



Paul Raymond Healey, BMedSc (Cell Biology), MBBS (Hons), MMed (Clin. Epi.), FRANZCO

Affiliation: Department of Ophthalmology, University of Sydney, Centre for Vision Research & Western Sydney Eye Hospital, Westmead Hospital, Westmead, NSW 2145, Australia; Eye Associates, Level 4, 187 Macquarie St. Sydney NSW 2000, Australia; Clinical Senior Lecturer: University of Sydney, Department of Ophthalmology, Save Sight Institute & Westmead Millennium Institute; Director of Glaucoma Services, Western Sydney Eye Hospital, NSW; Visiting Medical Officer in Ophthalmology: Westmead Hospital, Sydney/ Sydney Eye Hospital (Assoc); Director of Glaucoma Research, Centre for Vision Research, Westmead Millennium Institute, Department of Ophthalmology, University of Sydney; Chief Glaucoma Investigator: Blue Mountains Eye Study.

Research Interests: Glaucoma; Ophthalmic Epidemiology & Public Health; Genetic Epidemiology; Cell Biology of ophthalmic diseases; Diagnostic Test & Screening Evaluation; Glaucoma Surgery Research.

Leadership positions: Director of Training, Sydney Eye Hospital; Treasurer: South East Asian Glaucoma Interest Group; Co-Chair: AIGS Associate Advisory Board.

Special Honors: Association of International Glaucoma Societies – AIGS Award for best paper of 2003 (Prof P Mitchell senior author and recipient 2004); World Glaucoma Congress 2005: Prize for best scientific poster; International Young Clinician Scientist Award: World Glaucoma Congress 2005.



Anders Heijl, MD, PhD

Title and Affiliation: Professor and Head at the Department of Ophthalmology, Malmö University Hospital, University of Lund, Sweden.

Areas of interest: Diagnostics, treatment, epidemiology.

Leadership positions: President of to Glaucoma Research Society, Member of the Executive Committee of the European Glaucoma Society, Study Director and PI of The Early Manifest Glaucoma

Trial, Main ophthalmology advisor for the Swedish National Board of Health and Welfare, Chairman EBM project Open Angle Glaucoma, The Swedish Council on Technology Assessment in Health Care.

Special honours: The Alcon Research Institute Award, The AIGS Award for best 2002, The KKK Lundsgaard medal of the Nordic Ophthalmological Societies for best scientific paper in Acta Ophthalmologica (twice), The Hjalmar Schiøtz medal of the Norwegian Ophthalmological Society, The Ilmari Rendahl award of the Swedish Ophthalmological Society, Axel Hirsch's prize of the Karolinska Institute, The Award of the Danish Synoptikfonden, The Award of the Swedish Association of the Visually Impaired, The Bjerrum lecture of the Danish Ophthalmological Society, several name lectures.



M. Rosario Hernandez, DDS

Title and Affiliation: George and Edwina Tarry Professor of Ophthalmology, Department of Ophthalmology and Northwestern University Neuroscience Institute, Feinberg School of Medicine, Northwestern University, Chicago, Illinois.

Areas of Interest: Mechanisms of glaucomatous damage in Human and non-Human primates; in vitro models of intraocular pressure-related stress in optic nerve astrocytes and retinal Müller cells; molecular biology and bioinformatics in human glaucoma.

Leadership Positions: National Eye Advisory Council, National Institutes of Health (1998-2002); member of NIH Study Sections, member Scientific Advisory Board, The Glaucoma Foundation, review committees and IOVS editorial board.

Awards and Honors: RPB Lee Wasserman Merit Award (1998); RPB Senior Scientific Investigator Award (2002).

**Roger Hitchings, FRCS, FR-COph**

Title: IGA Professor of Ophthalmology, University of London.

Affiliation: Moorfields Eye Hospital London.

Research Interests: The process of research, the health economics of glaucoma, normal pressure glaucoma.

Leadership position: Senior Specialist Glaucoma Service, Moorfields Eye Hospital; Director of Research & Development Department, Moorfields Eye Hospital; President European Glaucoma Society.

Special Honors: Duke-Elder Lecturer, Royal College of Ophthalmologists; Shaffer Lecturer American Academy of Ophthalmology; Goldmann Lecturer, Glaucoma Research Society.

**Esther M. Hoffmann, MD**

Title and Affiliation: Consultant ophthalmologist specialising in glaucoma, Department of Ophthalmology, University of Mainz, Langenbeckstrasse 1, 55131 Mainz, Germany.

Research interest: Optic Nerve Head and RNFL imaging using scanning laser ophthalmoscopes, structure-function relationship in glaucoma; Glaucoma diagnosis using different tonometry devices.

Leadership positions: Member of the Associate Advisory board of the AIGS; Member of the European and German Glaucoma Panel; Member of the Deutsche Ophthalmologische Gesellschaft (DOG); Member of the American Academy of Ophthalmology (AAO); Member of the Association for Research and Vision in Ophthalmology (ARVO).



Awards: Recipient of the MAIFOR grant 2003-2005 (grant from the University of Mainz): Analysis of fundus reflectivity following light stimulus (optical intrinsic activity) using a special setup. This grant is part of a program of the BMBF, which is the federal ministry of education and research in Germany; Recipient of a research grant from the Deutsche Forschungsgemeinschaft (DFG): Glaucoma fellowship at the Hamilton Glaucoma Center, UC San Diego from 2004-2005; Recipient of the MAIFOR grant 2005-2007: Structure and Function in glaucoma.

Sek-Tien Hoh, MBBS, FRCSEd

Title and Affiliation: Consultant, Glaucoma Service, Singapore National Eye Centre; Adjunct Research Fellow, Singapore Eye Research Institute; Clinical Teacher, National University of Singapore.

Areas of Interest: Ocular imaging, Glaucoma detection and progression, Angle closure glaucoma, Myopia, Glaucoma drainage devices.

Leadership positions: Chairman, Ocular Imaging Symposium, Asia-ARVO 2007; Co-Chairman, Publicity and Publication subcommittee, Asia-Pacific Academy of Ophthalmology 2006; Co-Chairman, National Eye Care Day, Singapore 2005; Advisor, SNEC Glaucoma Patient Support Group.

Special Honors: Invited speaker, panelist in numerous international meetings, reviewer for several international journals.

**Anton Hommer, MD**

Title and Affiliation: Oberarzt; Chief of Glaucoma unit Hera Hospital, former head of Glaucoma Unit 2nd University Eye Clinic Vienna; Secretary of Glaucoma Section of the Austrian Ophthalm. Society; former President of the Viennese Ophthalmological Society; Collaboration with Institute of Clinical Pharmacology at the University Hospital of Vienna.

Areas of Interest: Glaucoma epidemiology, Diagnosis; medical therapy, Laser treatment.

**Megumi Honjo, MD, PhD**

Affiliation: Department of Ophthalmology, Tokyo Metropolitan Geriatric Hospital, Tokyo, Japan. 173-0015, Japan.

Research Interests: Aqueous outflow, neuroprotection, cell adhesion.

Leadership Positions: Assistant director, Ophthalmology, Tokyo Metropolitan Geriatric Hospital.

Special Honors: Suda Glaucoma Research Foundation Research Award (2003); Imai Research Foundation Research Award (2003); JSPS Research Fellowships for Young Scientist Scholarship (1998).



Kyoko Ishida MD, PhD

Title and Affiliation: Assistant professor, Gifu University Graduate School of Medicine, Gifu, Japan.

**Mireia Jofre-Bonet, PhD**

Title and affiliation: Senior Lecturer at the Department of Economics of City University; International Centre for Eye Health (London School of Hygiene and Tropical Medicine); collaborates with the Moorfields Eye Hospital, London, UK.

Research interest: Economic evaluation of interventions aimed at fighting blindness in developing countries and the UK. Economic Evaluation applied to Substance Abuse. Impact of Substance Abuse and Mental Health on productivity; and, more generally, demand of health insurance and Topics of Industrial Organization applied to the demand for Health Care.

Leadership positions: Director of the MSc in Economic Evaluation in Health Care at City University; Member of the Health Economics Study Group and the International Association of Health Economics.

**Chris A. Johnson, PhD**

Title and Affiliation: Director of Diagnostic Research & Senior Scientist, Devers Eye Institute & Discoveries in Sight Research Labs, Portland, OR, U.S.A.

Research Interests: Perimetry, visual field testing and psychophysical evaluation of glaucoma and retinal diseases. Development of automated diagnostic test procedures. Imaging and topography of the optic nerve head and retinal nerve fiber layer. Visual factors related to task performance in transportation/aviation and industry. Motion and flicker perception.

Special Honors: Peters Memorial Lecturer, UC Berkeley Optometry Alumni Association (1999). American Glaucoma Society Lecturer (2004). Invited Speaker, Japanese Ophthalmological Society (Tokyo) (2004). Honorary Doctorate (DSc, State University of New York, 2005). Senior Achievement Award (American Academy of Ophthalmology, 2005).

Leadership Positions: Member, Scientific Advisory Board, The Glaucoma Foundation, New York (1997-present). Vice President, International Perimetric Society, (June 2004 – present), Editorial Board of Glaucoma Today (2005-present), Journal of Glaucoma (1995-present), Co-Founder and Co-Chair, North American Perimetric Society (1995-present).

**Jost B. Jonas, MD**

Title and Affiliation: Professor, Department of Ophthalmology, Faculty of Clinical Medicine Mannheim of the Ruprecht-Karls-University Heidelberg, Germany.

Research Interests: Intravitreal application of medication as treatment of intraocular edematous, proliferative and neovascular diseases; Femtosecond laser surgery of the cornea; Contact lens associated ophthalmodynamometry; Accommodative cataract surgery; Near-Infrared interferometry for diagnosis of ocular diseases; Retinal stem cell research; Morphologic diagnosis of optic nerve diseases including the glaucomas.

Leadership Positions: Professor of Ophthalmology and Chairman.

Kenji Kashiwagi, MD

Research Interests: Clinical investigations: Screening system for angle closure glaucoma. On line supporting system for glaucoma treatment. Pharmacology of anti-glaucoma drugs; *Basic science:* Pharmacology of anti-glaucoma drugs. Retinal ganglion cell protection.

Special Honors: Suda award (Japan Glaucoma Society); Rohto award (Rohto pharmaceutical company)

Leadership Positions: Councilor of Japan Glaucoma Society; Councilor of Japanese Ophthalmological Society; Councilor of Japanese Society for Ocular Pharmacology.

**Paul L. Kaufman, MD**

Title and Affiliation: Professor and Chair of the Department of Ophthalmology & Visual Sciences at the University of Wisconsin Medical School, Madison, Wisconsin, U.S.A.

Research Interests: Dr. Kaufman is a physician-scientist, specializing in glaucoma and studying the mechanisms of aqueous humor formation and drainage, and the age-related loss of near vision (presbyopia).

Leadership Positions: Past President and current Executive Vice President of the Association for Research in Vision and Ophthalmology; Past President of the International Society for Eye Research. Past/present member of the US National Advisory Eye Council, numerous foundation and corporate scientific advisory boards; reviewer for all the major eye journals and guest editor or editorial board member for many of them; continuous research funding from the US National Eye Institute for 28 years; authored nearly 300 original scientific articles and 50 book chapters, co-edited several textbooks including the most recent edition of Adler's Physiology of the Eye; Editor-in-Chief of Invest. Ophthalmol Vis Sci commencing in 2008.

Distinguished Lectures: Numerous

Special Honors: Doctor Honoris Causa, Medical Faculty, University of Uppsala, Uppsala, Sweden (2003); Association of International Glaucoma Societies Award (formerly International Glaucoma Reviews Award) for best glaucoma paper of



2003 (Gabelt BT, Gottanka J, Lütjen-Drecoll E, Kaufman PL: Aqueous humor dynamics and trabecular meshwork and anterior ciliary muscle morphologic changes with age in rhesus monkeys. *Invest Ophthalmol Vis Sci* 44:2118-2125, 2003.)

Peng Tee Khaw, PhD, FRCS, FR-COphth, FRCP, FIBiol, FRCPath, FmedSci.

Title: Professor of Glaucoma and Ocular Healing, and Consultant Ophthalmic Surgeon.

Affiliation: Moorfields Eye Hospital and UCL Institute of Ophthalmology, London.

Research Interests: Wound healing, tissue repair and regeneration, stem cells, glaucoma surgery techniques, clinical trials.

Leadership Positions: Director, National Institute for Health Biomedical Research Centre (Ophthalmology). Head, Ocular Repair and Regeneration Unit, and Paediatric Glaucoma Service Moorfields Eye Hospital.

Special Honors: First ARVO/Pfizer Translational Research Award (2005); 25th Dame Ida Mann Lecture (2004); Alcon Research Award for Scientific Excellence. 12th Sir Stewart Duke Elder Lecture (2003); Elected to British Academy of Medical Sciences (2002); Hunterian Professorship, Royal College of Surgeons. IGR Award for Best Research Paper (1999), Chairman ARVO Programme Committee (2005)



Patricia M. Khu, MD, MS

Title and Affiliation: Clinical Associate Professor, University of the Philippines College of Medicine (UPCM); Vice Chairman for Research, Department of Ophthalmology & Visual Sciences (DOVS), University of the Philippines-Philippine General Hospital (UP-PGH); University Researcher, Institute of Ophthalmology, National Institutes of Health, University of the Philippines Manila (UPM).

Areas of Interest: Angle closure glaucoma, correlation of structure & function in glaucoma, assessing risk factors in glaucoma, imaging technology in glaucoma, progression.

Leadership Positions: Vice Chairman for Research, DOVS, UP-PGH; Editor-in-Chief, Philippine Journal of Ophthalmology (PJO); Founding Member, Philippine Glaucoma Society (PGS); Immediate Past President, Philippine Glaucoma Society; Research Coordinator, Department of Ophthalmology, Cardinal Santos Medical Center (CSMC), Member of the Institutional Review Board, CSMC;

Special Honors: Guest of Honor lectures at numerous forum, national and international meetings; Faculty/Speaker at national & international meetings; co-author of book chapters; co-author of published papers; co-investigator of research projects in glaucoma; Special Recognition by UPCM as President of the Philippine Glaucoma Society, 2005-2006.



Gisela Kobelt, MBA, PhD

Title and Affiliation: Gisela Kobelt is Managing Director of European Health Economics, a consulting company specializing in economic evaluation of health interventions and training courses in health economics. She is also the author of an introductory guide to economic evaluation for non-specialists that is now available in several languages. In addition, she is affiliated to the department of orthopedics at the University of Lund.

Areas of Interest: economic evaluation in chronic progressive diseases, with a strong focus on autoimmune diseases (rheumatology, multiple sclerosis) and ophthalmology. She holds a Master's degree from the University of Strasbourg (France), an MBA from the Institute for Management Development (IMD/IMEDE) in Lausanne (Switzerland), and a PhD in health economics from the Karolinska Institute in Stockholm (Sweden). She is the author of over 50 scientific publications in the field of health economics and a number of disease-specific books.



Anastasios G.P. Konstas, MD, PhD

Title and Affiliation: Associate Professor in Ophthalmology, Head of the Glaucoma Unit, 1st University Department of Ophthalmology, AHEPA Hospital, Thessaloniki, Greece.

Research Interests: Medical therapy. Pathogenesis and management of exfoliative and primary open-angle glaucoma. 24-hour IOP monitoring and control in glaucoma. Role of fixed combinations in glaucoma. Adherence with medical therapy. Overall, more than 90 glaucoma publications in 16 peer-reviewed journals and 11 chapters in various glaucoma books.

Leadership Positions: Board member of the Greek Glaucoma Society (2001-2005); Vice President of the Panhellenic Ophthalmological Society (2003-2005). Member of the IGS Executive Committee (2005-07).



Michael S. Kook, MD

Title & Affiliation: Associate Professor of Ophthalmology at the University of Ulsan, College of Medicine, Seoul, Korea.

Areas of interest: Imaging studies in glaucoma; Wound healing in glaucoma surgery; Normal-tension Glaucoma; pharmacotherapy in glaucoma.

Leadership positions: Executive member of the Korean Glaucoma Society; Chief ophthalmology consultant for 121 US Army Hospital in Seoul, Korea; Executive director of Korean American



Ophthalmology circle.

Special honors: Best publication (poster) awards at International Glaucoma Symposium (IGS); Who's Who in America (Marquis); International scientist of the Year (IBC, England); Glaucoma Publication of the year 06" - the Korean Glaucoma Society.

Special Honors: Best poster awards at International Glaucoma Symposium (IGS); Best Glaucoma Publication 2006, the Korean Glaucoma Society; Guest of honor lectures at numerous international occasions.

Theodore Krupin, MD

Title and Affiliation: Clinical Professor, Department of Ophthalmology, Feinberg School of Medicine, Northwestern University, Chicago, IL, U.S.A.

Areas of Interest: Current research interests include coordination of a multicenter study of low pressure glaucoma and clinical outcomes of glaucoma surgical therapies.

Leadership Positions: American Glaucoma Society (AGS), Vice President; Glaucoma Foundation, New York, Board of Directors; Association of International Glaucoma Societies (AIGS), Board of Directors.

Special Honors: Senior Honor Award, American Academy of Ophthalmology; American Glaucoma Society Presidents Award.



Yasuaki Kuwayama, MD, PhD

Title and Affiliation: Director of Ophthalmology, Osaka Koseinenkin Hospital, Japan; Clinical Professor of Ophthalmology, Osaka University Medical School, Japan.

Research Interests: Circadian regulation of IOP, surgical outcomes.

Leadership Positions: Executive Director, Japan Glaucoma Society; Councilor, Japanese Ophthalmological Society; Councilor, Japanese Society for Ocular Pharmacology.

Special Honors: Suda Memorial Award, Japanese Glaucoma Society.



Steven M. Kymes, PhD, MHA

Title and Affiliation: Research Assistant Professor, Department of Ophthalmology and Visual Sciences, Washington University School of Medicine, St. Louis, Missouri, U.S.A. Senior Fellow, Center for Health Policy, Washington University. Assistant Director, Vision Research Coordinating Center, Washington University.

Area of Interest: Cost-effectiveness, economic burden of disease, health economics, health policy, measuring impact of disease on quality of life.



Dennis S.C. Lam, MD, FRCOphth (U.K.)

Title and Affiliation: Chairman of the Department of Ophthalmology & Visual Sciences and Associate Dean (External Affairs) of the Faculty of Medicine, The Chinese University of Hong Kong; Director of the Joint Shantou International Eye Centre of the Shantou University and the Chinese University of Hong Kong.

Research Interests: 1. Angle-closure glaucoma; 2. Glaucoma surgeries; 3. Glaucoma genetics.

Leadership Positions: Member of the Board of Governors of the Association of International Glaucoma Societies; One of the four program directors of the 3rd World Glaucoma Congress 2009; Council Member of the International Council of Ophthalmology; Congress President and Chairman of the Organizing Committee of the World Ophthalmology Congress 2008; Secretary-General of the Asia-Pacific Academy of Ophthalmology; President of the Asia-Pacific Society of Eye Genetics.

Special Honors: American Academy of Ophthalmology Achievement Award (2000); Asia-Pacific Academy of Ophthalmology De Ocampo Lecture (2003); Ten Outstanding Young Persons of the World (1995).



George N. Lambrou, MD, MSc, PhD

George Lambrou, an Athenian by birth, graduated from the University of Strasbourg, where he also trained in Ophthalmology. He completed a four-year fellowship in the Glaucoma Department of the University of Amsterdam, where he obtained his PhD based on his research on Ocular Blood Flow. After another six years as Consultant in the Eye Clinic of the University of Strasbourg, he served as Global Head of Ophthalmic Research at Novartis for eight years. He is currently practicing Ophthalmology, with special emphasis on Glaucoma, in the Athens Ophthalmologic Institute.

Areas of interest: Ocular Blood Flow, Pharmacology and Fundus Imaging.

Leadership position: As part of the Liaison Committee of the Association of International Glaucoma Patient Organizations, in charge of organizing the First World Glaucoma Day in March 2008.



Hans G. Lemij, MD, PhD

Affiliation: Rotterdam Eye Hospital, Rotterdam, The Netherlands.

Research Interests: Glaucoma, notably imaging, perimetry and genetic epidemiology.

He took the lead in establishing the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE). Several research fellows have graduated as a PhD under his super-

vision. He also chairs the Dutch Glaucoma Group. He is a visiting Professor at the Catholic University Leuven, Belgium.



Edgar U. Leuenberger, MD

Title and Affiliation: Director of the Glaucoma Fellowship Program of the Asian Eye Institute, Philippines; Assistant Professor in Ophthalmology and Chief of the Glaucoma Service at the University of the East Ramon Magsaysay Memorial Medical Center (ERMMMC).

Areas of Interest: Improvement and development of glaucoma diagnostic and surgical procedures.

Leadership positions: Board Examiner of the Philippine Board of Ophthalmology and Reviewer of the Asian Journal of Ophthalmology.



Christopher Kai Shun Leung, MD, MB, ChB

Title and Affiliation: Assistant Professor, Department of Ophthalmology and Visual Sciences, The Chinese University of Hong Kong.

Areas of Interest: Optic disc and nerve fiber layer imaging, Anterior segment imaging, Angle closure glaucoma.

Leadership Positions: Associate advisory board member, AIGS.

Special Honors: Chevening Scholar, Fellow of Croucher Foundation.



Hani Levkovitch-Verbin, MD

Title and affiliation: Assistant Professor in Ophthalmology, Director of the Sam Rothberg Ophthalmic Molecular Biology Lab, Goldschleger Eye Institute, Sheba Medical Center, Affiliated to Tel-Aviv University, Israel.

Research interest: Glaucoma treatment and diagnosis, pathogenesis, retinal ganglion cell death and neuroprotection.



Jeffrey M. Liebmann, MD

Title and Affiliation: Clinical Professor of Ophthalmology, New York University School of Medicine Director, Glaucoma Services, Manhattan Eye, Ear and Throat Hospital and New York University Medical Center, New York, New York, U.S.A.

Research Interests: Investigations into the causes of glaucoma, ocular imaging, and neuroprotection.

Leadership Positions: Program Chair, American Glaucoma Society; Board of Governors, Association of International Glaucoma Societies; Secretary-Treasurer of the New York Glaucoma Society; Board of Directors, The Glaucoma Foundation.



Shan C. Lin, MD

Title & Affiliation: Associate Professor, Glaucoma Service, University of California, San Francisco, CA; Director of Glaucoma Service, San Francisco General Hospital, San Francisco, CA.

Areas of Interest: Endoscopic Cyclophotocoagulation, Angle Closure Glaucoma, Trabecular Meshwork.

Leadership positions: Past President, Pacific Coast Oto-Ophthalmological Society; Organizer and Co-Founder, Meshwork Society; Program Chair, UCSF Glaucoma Meeting.

Special honors: Heed Fellowship Award, American Glaucoma Society Clinician-Scientist Award, The Glaucoma Foundation Clinician-Scientist Award, Guest Speaker at various international ophthalmological societies.



Ho Ching Lin, MBBS, MMed (Ophth), MMed (Paed), FRCS (Edin)

Title and Affiliation: Consultant, Singapore National Eye Centre; Visiting Consultant, National University Hospital; Changi General Hospital; Kerdang Kerbau Women's and Children's Hospital and Mt Alvernia Hospital. Clinical Teacher, National University of Singapore.

Research Interests: Paediatric glaucoma, Aqueous shunt devices, lasers in glaucoma, angle closure glaucoma.

Leadership positions: Organizing committee member of several regional and international meetings. Member of Asia Pacific Clinical Practice guidelines on Glaucoma workgroup and Singapore Glaucoma Clinical Practice Guidelines workgroup. Associate Councilor, North West Community Development Council.

Special honours: APAO Prevention of Blindness award, Wong Hock Boon Gold Medal, Excellent Service Star and Silver awards, Parmigiani Fleurier Woman of Exception award.



Beverley Lindsell

Beverley Lindsell is the National Executive Officer of Glaucoma Australia. For the past ten years, her position has entailed: overseeing the administration of the Association and its staff, acting as the Association's media relations officer, travelling extensively to lead glaucoma meetings around Australia, conducting telephone counselling, managing fundraising programs, producing newsletters and brochures and overseeing support groups. She has established new offices in Victoria and Western Australia.

During her time with Glaucoma Australia she has assisted with the formation of the New Zealand and Singapore Glaucoma Associations.

Beverley is a member of the Lions' Eye Health Program, Vision 2020 Australia, is a past member of the Fundraising Institute of Australia and is Vice-President of the Association of International Glaucoma Patients Organisation.

**James D. Lindsey, PhD**

Title and Affiliation: Adjunct Professor of Ophthalmology, Hamilton Glaucoma Center and Department of Ophthalmology, School of Medicine, University of California San Diego, La Jolla, CA 93093-0946, U.S.A.

Research Interest: Mechanisms of neuronal repair, plasticity, and glaucoma cell biology. Topics of study have included neuronal aging, fast axonal transport, retinal neuron survival factors, uveoscleral outflow, pigment regulation, matrix metalloproteinases, and the development of mouse models of glaucoma. *Leadership Positions:* Chair of Instruction Course, *Experimental Models of Glaucoma*, World Glaucoma Congress, Vienna, Austria (2005); Instructor, Glaucoma Subspecialty Day, *Of Mice and Men*, American Academy of Ophthalmology, Chicago, IL. (2005); Speaker, Fourth Annual Biomedical Imaging and Bioengineering Symposium, Functional Neuroscience Imaging from Cells to Systems, San Diego, CA. (2006). *Special Honors:* Outstanding Poster Presentation, Quantitative Measurement of Mouse Optic Nerve Projections to the Brain In Vivo, World Glaucoma Congress, Vienna, Austria (2005).

**John H.K. Liu, PhD**

Title and Affiliation: Adjunct Professor, Hamilton Glaucoma Center, Department of Ophthalmology, University of California, San Diego. Faculty member, Graduate Program in Neurosciences and Sam and Rose Stein Institute for Research on Aging, University of California, San Diego.

Areas of Interest: Ocular Pharmacology, Circadian Rhythm.

Leadership Positions: Past Vice



President of the Association for Ocular Pharmacology and Therapeutics.

David A. Mackey, MD, FRANZCO

Title and Affiliation: Professor, University of Tasmania; Associate Professor, Centre for Eye Research Australia, University of Melbourne, Department of Ophthalmology; Research Fellow, Queensland Institute of Medical Research.

Areas of Interest: Genetic Eye Disease, with a particular interest in Glaucoma and Optic Atrophy.

Leadership Positions: Coordinator of the Glaucoma Inheritance Study in Tasmania and the Twins Eye Studies in Australia.

Special Honors: Pfizer Australia Senior Research Fellow.

**Anil Kumar Mandal, MD**

Title and Affiliation: Director – Jasti V Ramanamma Childrens Eye Care Centre, Consultant, VST Centre for Glaucoma care, L V Prasad Eye Institute, Banjara Hills, Hyderabad, 500 034, India.

Research interests: Congenital glaucoma and related eye disease; Adult glaucoma and cataract.

Honors and Awards: Winner of International Film Festival, ASCRS (2002); Shanti Swarup Bhatnagar Prize in Medical Science (2003); Col.Rangachari Award AIOS (2003); CS Reshmi Award for best film in AIOC (2004); Apollo Award of Medical Excellence (2004-05); Bharat Jyoti Award by India International Friendship Society 2006.

**Baskaran Mani, DO DNB (India)**

Title and Affiliation: Consultant, Glaucoma Services, Sankara Nethralaya, Chennai, India. Lecturer, Elite School of Optometry, India.

Areas of Interest: IOP correction factors, Angle Closure Glaucoma, Epidemiology of Glaucoma, Life style and glaucoma.

Leadership Positions: Associate board member, AIGS. Member and in Advisory panel, Glaucoma Society of India.

**Steven L. Mansberger, MD, MPH**

Title and Affiliation: Associate Scientist and Director of Ophthalmic Clinical Trials for Devers Eye Institute, Portland, Oregon; Director of Glaucoma Services at the Veterans Administration Hospital, Portland, Oregon; appointments at Oregon Health Science University (OHSU) as Adjunct Assistant Professor of Ophthalmology and Clinical Assistant Professor of Public Health and Preventive Medicine.

Areas of Interest: Biostatistics and Ocular Epidemiology; Glaucoma research.

Leadership Positions: Surgical Advisory Committee, Legacy Health System; Communications Committee, American Glaucoma Society; Editor, American Glaucoma Society Quarterly Newsletter; Association of International Glaucoma Societies Co-Chair-Economics and Clinical Trials.

Special Honors: He has won numerous awards including a Heed Fellowship, The Robert Watzke Ophthalmology Instructor of the Year, American Glaucoma Society Clinician-Scientist award, Achievement Award of the AAO, American Academy of Ophthalmology Leadership Program, among others. He is on the Editorial Board for Journal of Glaucoma and American Journal of Ophthalmology, and is an invited reviewer for Archives of Ophthalmology, British Journal of Ophthalmology, Investigative Ophthalmology and Visual Science, Survey of Ophthalmology, as well as other journals.



Keith R.G. Martin, MA, DM, MRCP, FRCOphth

Title: University Lecturer and Consultant in Ophthalmology

Affiliation: Cambridge University Centre for Brain Repair, Cambridge; Eye Department, Addenbrooke's Hospital, Cambridge, UK.

Research Interests: Research work is focused on the mechanisms of visual loss in glaucoma and the development of new treatment approaches; Currently developing gene therapy and stem cell techniques to try to prevent visual loss due to glaucoma and ultimately to restore vision in those blind due to the disease.

Leadership Positions: AIGS Associate Board Member member; Basic Science Section Co-Editor, Journal of Glaucoma; Group Leader at the Cambridge University Centre for Brain Repair

Special Honors: American Glaucoma Fellows Award Program Merit Award (for Best Research by a Glaucoma Fellow in the USA, 2002); Awarded Doctor of Medicine degree by Oxford University in 2004 for glaucoma research; GSK Clinician Scientist Fellowship, 2005 – 2010.



Eugenio Maul, MD

Title and Affiliation: Professor and Chairman, Department of Ophthalmology, Universidad Catolica Medical School, Santiago, Chile.

Areas of Interest: Developmental Glaucomas, Secondary Glaucomas, Optic disc and Visual Field Correlations.

Leadership Positions: Founder and Honorary President Chilean Society of Glaucoma, Past-Pres-



ident Chilean Society of Ophthalmology, Past -President Pan American Glaucoma Society, Past-Member Advisory Group for the Prevention of Blindness WHO; Technical Advisor SightFirst Program in 17 Countries of Latin America; Member Glaucoma COMPASS panel American Academy of Ophthalmology.

Special Honors: Visiting Professor Dept. Ophthalmology and Visual Sciences, Yale University. American Journal of Ophthalmology Lecture, XX Pan American Congress of Ophthalmology 1995. Harry Gradle Lecture, XXV Pan American Congress of Ophthalmology 2005. Achievement Award American Academy of Ophthalmology.

Felipe Medeiros, MD

Title and Affiliation: Assistant Clinical Professor at the Hamilton Glaucoma Center, University of California San Diego, La Jolla, CA, U.S.A.

Research interests: Imaging of the optic disc and retinal nerve fiber layer, development of new methods for early detection of glaucoma, and elucidation of potential risk factors for development and progression of glaucoma.

Leadership Positions: Associate member of the Advisory Board of the Association of International Glaucoma Societies (AIGS); member of the Latin American Glaucoma Society and Association for Research in Vision and Ophthalmology (ARVO).



Shlomo Melamed, MD, PhD

Title and Affiliation: Professor of Ophthalmology, Tel Aviv University Medical School, Tel Aviv, Israel; Director, the Sam Rothberg Glaucoma Center, Goldschleger Eye Institute, Tel Hashome, Israel.

Research Interests: Basic pathophysiological processes in Glaucoma, Apoptosis of Retinal Ganglion Cells, Neuroprotective Therapy, new lasers (Ti:Sapphire Laser, SLT) for treating glaucoma, mechanisms of laser-tissue interactions in the Trabecular Meshwork, development of Gold Micro Shunt to Supraciliary space, new drugs in glaucoma, Epidemiology of Glaucoma in the 3rd world, new imaging systems for glaucoma diagnosis, etc.

Leadership positions: Founder and Co-President of the I.G.S – the International Glaucoma Symposia, since 1991.



André Mermoud, MD

Title and Affiliation: Associate professor. Head of Glaucoma Unit of the Jules Gonin Eye Hospital, Lausanne, Switzerland, University of Lausanne, Switzerland.

Research Interests: Glaucoma surgery, structure of Schlemm's canal, Tonometry.

Leadership Positions: Innovator in a new type of glaucoma surgery.

Special Honors: Medal of the Egyptian Society of Ophthalmology, Cairo (2001); Ophthalmologist of the Millennium.

International Academy for Advances in Ophthalmology. Bombay (2002); Achievement Award, American Academy of Ophthalmology (2004); honorary member of the French Ophthalmological Society (2005).



Georg Michelson, MD

Title and Affiliation: Extraordinary Professor, Head of Outpatient Department, Department of Ophthalmology, University of Erlangen-Nuremberg, Erlangen, Germany.

Special Honours: Axenfeld-Award of 'Klinische Monatsblätter Augenheilkunde' in 1999, Medical Technology-Award of the city of Erlangen in 2005.

Research Interests: Automatic Glaucoma Screening; Ocular Circulation in Glaucoma; Telemedical Assessment of Retinal Images; Tele-education in Ophthalmology.



Christine Mielke, MD

Title and Affiliation: Consultant Ophthalmic Surgeon, Sankt Gertrauden Hospital, Berlin, Paretzer Strasse 12, 10713 Berlin, Germany.

Research interest: Glaucoma; Anterior Segment.

Special honors: Joachim-Tiburtius-Prize 1994 (Award for original research among all universities and faculties in Berlin); Special Award for the presentation held at the Second International Congress on Glaucoma Surgery in Luxor, 2003.



Clive Migdal, MD, FRCS, FRCOphth.

Affiliation: Western Eye Hospital, London.

Research Interests: Glaucoma therapeutics.

Leadership Positions: Secretary, European Glaucoma Society; Co-Chairman, Meetings Committee, AIGS; Editorial Board, Journal of Glaucoma.

Special Honors: Gold Medal, International Congress of Ophthalmology (1990); Lewis Rudin Glaucoma Prize (1995); Trantas Gold Medal, Greek Glaucoma Society (2005).



Stefano Miglior, MD

Title and Affiliation: Professor of Ophthalmology, Department of Neurosciences, University of Milan Bicocca; Head of the Department of Ophthalmology, Policlinico di Monza, Via Amati 111, 20052, Monza (MI), Italy.

Research Interest: Glaucoma – all areas; Imaging of the optic disc and RNFL; Visual field evaluation; Medical therapy of glaucoma; Clinical trials; Risk factors for glaucoma; Cataract and glaucoma.

Leadership positions: Principal Investigator of the study: "European Glaucoma Prevention Study". Funded by the European Commission in the BIOMED 2 program and Merck; Co-Investigator of the study: 'EGPS-OHTS Collaborative Analysis', funded by the National Eye Institute; Member of the Scientific Board of the 'International Society of Imaging in the Eye (ISIE)'; Member of the Executive Committee of the 'Ophthalmological Society of Lombardia (Italy)'.



Michael H. Miller, MD, FRCOphth

Affiliation: Chairman International Glaucoma Association; Consultant Ophthalmic Surgeon and Director Cataract Services at Moorfields Eye Hospital, London, UK.

Areas of Interest: Visual fields; Teaching of cataract surgical techniques in routine and complex cases.

Leadership positions: Chairman: Secretary of State for Transport's Honorary Medical Advisory Panel on Driving and Visual Disorders; Past Chairman of Medical Advisory Committee of Moorfields Eye Hospital; Past Director Glaucoma Service and Past Director of Visual Field Service at Moorfields.



Richard P. Mills, MD, MPH

Title and Affiliation: Former Clinical Professor of Ophthalmology and Acting Chair, University of Washington and Chair, University of Kentucky; current: Glaucoma Consultants NW, Seattle and Chief Medical Editor, EyeNet Magazine.

Areas of Interest: Visual fields, Optic disc imaging, Angle surgery, Compliance.

Leadership Positions: President, AAO; Secretary, AGS; Director, ABO; General Secretary, IPS; Program Chair, AOS; Chair, Eye Care America, Foundation of the AAO; Vice-Chair, Residency Review Committee; Delegate, AMA and ABMS, Trustee, WSMA, Past-president, WAEPS.

Special Honors: Sigma Xi, Phi Beta Kappa, Alpha Omega Alpha, AAO Senior Honor Award.



Hiromu K. Mishima, MD, PhD

Title and Affiliation: Professor, Director of JR Hiroshima General Hospital, Former Professor and Chairman of Department of Ophthalmology and Visual Science Hiroshima University, Former Special Advisor of Hiroshima University President, Special Advisor of Japanese health and Welfare Ministry, etc..

Area of Interest: Etiological and Epidemiological Study of Glaucoma, New Development of Glaucoma Drugs, Neuroprotection, Normal Pressure Glaucoma.

Leadership Positions: Executive Counsel of Japanese Glaucoma Society, Representative JGS of AIGS, Executive Counsel of APAO, Former Vice President of ISER, Member of IGS, Executive Counsel of Japanese Ocular Pharmacological Society.

Special Honors: Special Award of ISER, Special Award of Minister of Japanese Health and Welfare Ministry, Award of AIGS, Special Award of Alumni of Hiroshima Medical School.

**Paul Mitchell, MD, PhD, FRANZCO FRCOphth**

Title and Affiliation: Professor of ophthalmology at the University of Australia; Hospital Director of Ophthalmology for the western Sydney area.

Research Interest: Epidemiology of eye diseases, including glaucoma. His research has contributed to public health and ophthalmic epidemiology via the Blue Mountains Eye Study (BMES) that has already yielded 285 publications including the New England Journal of Medicine (NEJM). He has published 380 peer-reviewed scientific papers and has supervised 21 completed PhD students.

Special honors: Paul Mitchell was awarded the 2004 AIGS award for research into the epidemiology of glaucoma.

**Marcelo T. Nicolela, MD**

itle and Affiliation: Associate Professor of Ophthalmology and Visual Sciences, Dalhousie University, Halifax, Canada.

Areas of Interest: Progression, imaging in glaucoma, ocular blood flow, optic disc morphology.

**J.J. Mura, MD.****Awards & Honors**

Title and Affiliation: Ophthalmology Instructor, Department of Ophthalmology University of Chile, Santiago, Chile.

Research interests: Glaucoma, results and techniques of glaucoma surgery, special interest in filtering devices, traumatic glaucoma, advances in surgical technique; Cataract/IOL, management of dislocated lenses, including the use of the modified capsular tension ring, complications management, reconstructive surgery of anterior segment, special interest in aphakia correction, iris reconstruction, iris prosthetic devices.

Awards: President of the Republic' Scholarship, Postgraduate Overseas Education, 2004-2005.

**Winifred Nolan, FRCOphth, MD**

Title and affiliation: Glaucoma fellow, Moorfields Eye Hospital, London, UK; Honorary research fellow, Institute of Ophthalmology, London, UK.

Areas of interest: Angle closure glaucoma, Epidemiology of glaucoma, anterior segment imaging.

**Selim I. Orgül, MD**

Title and Affiliation: Professor, Chief of Department of Diagnostics and Research, University-Eye-Clinic, Mittlere Strasse 91, Postfach, 4031 Basel, Switzerland.

Leadership Positions: Scientific Secretary of the Swiss Ophthalmic Society; Board member European Association for Vision and Eye Research (EVER); President of Association for Continuing Education in Ophthalmology; President (2004-2006) of the Group of glaucoma of the Swiss Ophthalmic Society; Editorial Board member: British Journal of Ophthalmology, Current Eye Research, Journal of Glaucoma, Acta Ophthalmologica; Section Editor in Ophthalmic Research; Editor in Klinische Monatsblätter der Augenheilkunde.

**Paul Palmberg, MD, PhD**

Title and Affiliation: Professor, Bascom Palmer Eye Institute, University of Miami Miller School of Medicine.

Areas of Interest: Clinical trial derived target pressures, long-term outcomes of filtering surgery (CSI-Miami), techniques to avoid or repair complications of antimetabolite filtering surgery, novel slit lamp procedures in glaucoma management, gonioscopy; clinical trials in glaucoma (AGIS, CIGTS, FFSS), diabetes control and complications (DCCT), corneal

transplantation media (HEPES buffer, color indicator), mentoring glaucoma specialists (81 Fellows, 106 foreign Fellows and Observers).

Leadership Positions: Past-President, Pan-American Glaucoma Society; Board member, Pan-American Association of Ophthalmology; President, Miami Ophthalmological Society; Chief of Staff, Anne Bates Leach Eye Hospital; Institutional Review Board, UM Med School.

Special Honors: Co-recipient, AIGS Award, 2001; Banting and Best Award (American Diabetes Association); Shaffer Lecture, AAO, 2005; Senior Honor Award, AAO; Professor of Year, Bascom Palmer Eye Institute, 1995, Teaching Medals: Curso Andino 2001, Curso Guillermo Pico Santiago 2002; Honorary member Ophthalmological Societies of Chile, Costa Rica, Columbia, Dominican Republic, Peru, Venezuela, Guest of Honor 56 countries; Lectureships: Bryan (Duke), Wolfe (Iowa), Sugar (Henry Ford), Schoenfeld (Illinois), Demorest (UC Davis), Krieger (Mt. Sinai, Baltimore); Leopold (Allergan), Sampaolasi (PAGS), Latin-American Glaucoma Society; Best Doctors in America (1994-2007).



Rajul S. Parikh, MS, DO

Title and Affiliation: Glaucoma Consultant, V.S.T. Glaucoma Services, L V Prasad Eye Institute.

Research interest: Optic disc imaging, Primary Angle Closure Glaucoma, Progression.

Leadership positions: Associate Board Member AIGS; past treasurer of Glaucoma Society of India; Member of institutional review board: L V Prasad Eye Institute, Co-investigator for international projects on primary congenital glaucoma.

Special honours: Thomas Koshy Gold Medal in M.S. Ophthalmology; Travel fellowship for SERI – ARVO 2005.



Ki Ho Park, MD, PhD

Title and Affiliation: Associate Professor, Seoul National University College of Medicine, Seoul National University Hospital; Director of Public Relation of Korean Ophthalmological Society.

Areas of Interest: Normal Tension Glaucoma, Angle Closure Glaucoma, Neuroprotection, Early Detection of Structural Damage, Disc Hemorrhage and Peripapillary Atrophy.

Leadership Positions: Steering Committee Member of AIGS; Consensus and Guidelines Committee Member of AIGS; General Secretary of 2008 SEAGIG Organizing Committee; Board Member of SEAGIG; Editorial Board of Asian Journal of Ophthalmology; Scientific Program Committee Co-Director of Asian Angle-Closure Glaucoma Club (AACGC); Associate Editor of AACGC Textbook; Director of Public Relation of Korean Ophthalmological Society; Editorial Board of Korean Journal of Ophthalmology; Past Director of Scientific Program of Korean Glaucoma Society.



Special Honors: Invited Lectures and Speakers of Courses in Asia Pacific Academy of Ophthalmology (APAO), WGC, WOC, SEAGIG, AACGC, and AOGS. Topcon Ophthalmology Award, Jules Stein Eye Institute Laboratory Research Award, Yonahm Academy Award from Korean Glaucoma Society, Taejoon Service Award from Korean Ophthalmological Society, Distinguished Service Award from APAO.

Richard Kenneth Parrish II, MD

Title and Affiliation: Professor of Ophthalmology, Associate Dean for Graduate Medical Education, University of Miami School of Medicine, Miami, FL, U.S.A.

Areas of interest: Glaucoma filtering surgery, trabeculectomy

Leadership positions: Co-chairman of the Ocular Hypertension Treatment Study; Associate editor of the American Journal of Ophthalmology; editor of the Ophthalmology Monograph Series; Transactions of the American Ophthalmological Society. Member of the editorial boards of Evidence-Based Eye Care, Ophthalmic Surgery Lasers & Imaging; Clinical & Surgical Ophthalmology.



Vincent Michael Patella, PhD

Title and Affiliation: Vice President, Professional Affairs at Carl Zeiss Meditec. Dr. Patella has worked in the area of ophthalmic instrumentation for over 30 years, and has contributed to the development of the Humphrey perimeter, the Stratus OCT, and other products commonly used in clinical ophthalmic care.



Rodolfo A. Pérez Grossmann, MD

Title and Affiliation: Chairman of the "Instituto de Glaucoma y Catarata", Lima - Perú President of the Peruvian Glaucoma Society; Member of the Latin American Glaucoma Society, Pan American Glaucoma Society.

Research and Interest: Genetics and surgery.

Special Honors: Award for the research in Peruvian Ophthalmology: 'Searching the glaucoma gene'; Peruvian Congress of Ophthalmology (2002) Award for the research in Peruvian Ophthalmology: 'Anatomy of the Optic Tract'; Peruvian Congress of Ophthalmology (1994).



Lutz E. Pillunat, MD, PhD

Title and Affiliation: Professor, Chairman, Augenlinik und Poliklinik, Medizinische Fakultät Carl Gustav Carus, Dresden, Germany.

Leadership Positions: President of the Saxonian Ophthalmological Society. 1992 Honorary Membership of the Italian Glaucoma Society.

**Harry Quigley, MD**

Title and Affiliation: Director, Glaucoma Service, Director, Dana Center for Preventive Ophthalmology, Wilmer Institute, Johns Hopkins University, Wilmer 120, Johns Hopkins Hospital, Baltimore, Maryland, U.S.A.

Research Interests: Glaucoma.

Special Honors: Senior Honor Award, American Academy of Ophthalmology (1997); International Glaucoma Review Award, Best Paper of the Year (2000); L. Harrell Pierce Teaching Award, Wilmer Residents (2003, 2nd time); Friedenwald Award, Association for Research in Vision and Ophthalmology (2004); Doyne Medal, Oxford Ophthalmological Congress (2004); Friedenwald Award (2004).

**Robert Ritch, MD**

Title and Affiliation: Surgeon Director and Chief, Glaucoma Services, Department of Ophthalmology, New York Eye & Ear Infirmary, New York, NY, U.S.A. and Professor of Clinical Ophthalmology, The New York Medical College, Valhalla, NY

Research Interests: Glaucoma. Co-author/editor of five textbooks and over 1200 medical and scientific papers, book chapters, articles and abstracts. Founder, annual Optic Nerve Rescue and Regeneration Think Tank. Co-founder, New York Glaucoma Research Institute, a not-for-profit foundation to sponsor clinical research in glaucoma.

Leadership Positions: Fellow, American Academy of Ophthalmology, American College of Surgeons, the Royal College of Ophthalmology. Past President, Ophthalmic Laser Surgical Society, New York Glaucoma Society, Section on Ophthalmology of the New York Academy of Medicine, and the New York Society for Clinical Ophthalmology. Member, Glaucoma Committee of the International Congress of Ophthalmology; Steering Committee, Association of International Glaucoma Societies; Board of Directors, Helen Keller International. Founder and Medical Director, The Glaucoma Foundation, New York, NY; Board of Directors, New York Eye and Ear Infirmary; Advisory Committee of the International Council



of Ophthalmology; Vice-President, Association for Research in Vision and Ophthalmology.

Awards: Heed Ophthalmic Foundation Ophthalmologist of the Year (1996), Gold Medal of the Greek Glaucoma Society (1998), Ophthalmology Times 100 best ophthalmologists in America (1999), Rudin Award (1999), Glaucoma Foundation Man of the Year (2000), Jesse H. Neal Award for Editorial Achievement (2000), Albion O. Bernstein, MD Award of the Medical Society of the State of New York for outstanding contributions to medicine.

Prin RojanaPongpun, MD

Title & Affiliation: Chief, Glaucoma service, Chulalongkorn University, Bangkok, Thailand.; Chief glaucoma consultant, The Queen Sirikit National Institute of Child Health, Ministry of Public Health. etc.

Research interest: Angle closure glaucoma, Medical therapy, Surgical treatment, Diagnosis & investigation, and Epidemiology.

Leadership positions: Vice-president, South East Asia Glaucoma Interest Group. Executive committee, Asian Angle Closure Glaucoma Club. Scientific chairman, Royal College of Ophthalmologists of Thailand. Council member of the Asia-Pacific Academy of Ophthalmology (APAO), board member of the Asia Pacific Association of Cataract and Refractive Surgeons (APACRS). International advisory board of the Asia-ARVO. Member of the Editorial Board of Ocular Surgery News, Annals of Ophthalmology, Eye World (Asia-Pacific); deputy editor of the Asian Journal of Ophthalmology. National representative to the International Federation of Ophthalmological Societies (IFOS).

Special honors: 'Distinguished Service Award' and 'Prevention of Blindness Award' from the Asia Pacific Academy of Ophthalmology. 'ACE Educator' award from Asia Pacific Society of Cataract & Refractive Surgery. ASCRS Film Festival 'First Place' winner. Thai Red Cross Society Honor Award. Guest lecturer at numerous international congresses. The Knight Commander (Second Class) of the Most Exalted Order of the White Elephant of Thailand.

**Luca Rossetti, MD**

Title and Affiliation: Associated Professor of Ophthalmology, University of Milan, San Paolo Hospital, Milan, Italy.

Areas of Interest: Main research interest: Clinical research in glaucoma.

Leadership positions: Fellowships in the Clinical Epidemiology Laboratory at the Mario Negri Institute in Milan, and in the Clinical Trial Unit in the Department of Ophthalmology at the University of Maryland in Baltimore; Responsible for the Glaucoma Unit at the San Paolo Hospital since 2000.



Paul Roux, MMed, FCO (SA), FRCOphth

Title and Affiliation: Professor and Head of the Department of Ophthalmology of the University of Pretoria, South Africa. *Areas of Interest:* Glaucoma Surgery in Black Africans and Exfoliation Glaucoma in South Africa. *Leadership Positions:* President SAGS (South African Glaucoma Society), Past General Secretary of the SASCRS (South African Cataract and Refractive Surgery Society).

Special Honors: Award for Service from the Bureau for the Prevention of Blindness of the SA Council for the Blind.



Hiroshi Sakai, MD, PhD

Title and Affiliation: Lecturer, Ophthalmology University of the Ryukyus, Okinawa, Japan.

Areas of interest: Primary angle-closure glaucoma, imaging of the anterior chamber.

Honors: AIGS award 2005, Suda Japanese Glaucoma Society Prize 2005.



Pamela Anne Sample, PhD

Title and Affiliation: Professor, Director, Clinical Vision Research, Hamilton Glaucoma Center, Department of Ophthalmology, University of California at San Diego, La Jolla, California, U.S.A.

Research Interests: Improved diagnosis and management of glaucoma. Psychophysical assessment of specific retinal ganglion cell populations using visual function specific perimetry to determine ganglion cell susceptibility to glaucoma, rate of progression, and response to neuroprotective agents. Improved methods for visual field analysis and for separating true glaucomatous progression from change in visual function due to other factors such as variability. Application of machine learning classifiers in a multifactorial model for improved diagnosis and management of glaucoma. Understanding loss of visual function due to ancestry, aging, gender, genetics, and socioeconomic and cultural factors. *Leadership Positions:* Principal Investigator: NEI-funded Diagnostic Innovations in Glaucoma Study (DIGS): Visual Function; Principal Investigator: multicenter NEI-funded African Descent and Glaucoma Evaluation Study (ADAGES); Director, Visual Function Research Laboratory, Department of Ophthalmology, UCSD; Director, Visual Field Assessment Center (VisFACT), a reading center.

Special Honors: Elected Member of the Glaucoma Research Society, Research to Prevent Blindness Lew R. Wasserman



Merit Award Recipient (1999), Outstanding Undergraduate Mentor Teacher Award, Warren College (2002), Fred Kapetansky Lecturer: awarded by Midwest Glaucoma Society (2002), 1st Distinguished Faculty Lecturer, Department of Ophthalmology Resident's Day, UCSD (2004).

P. Sathyan, DO, DNB

Title and Affiliation: Professor and Chief, Glaucoma Services, Aravind Eye Hospital, Coimbatore, TamilNadu, India.

Areas of Interest: Developing Patients Compliance Pack by using Tagging(With Radio Frequency waves), Creating Glaucoma awareness and Basic research.

Leadership Positions: Treasurer, Glaucoma Society of India (2003-2004); Member, Ethics Committee, PSG Institute of Medical Sciences and Research; Secretary, PSG Institute of Medical Sciences Alumni Association.

Special Honors: 'Most Promising Research Presentation Award' by Glaucoma Society of India-Allergen at the XI annual meeting of the Glaucoma Society of India, Indore, Madhya Pradesh 2001; 'Patient Care Project Improvement Award' given in American Academy of Ophthalmology on 11th November 2006 on Las Vegas by American Glaucoma Society.



Ursula Schlötzer-Schrehardt, PhD

Affiliation: Department of Ophthalmology, University of Erlangen-Nürnberg, Erlangen, Germany.

Research Interests: Pseudoxfoliation syndrome, glaucoma, ophthalmopathology, corneal stem cells, extracellular matrix.

Leadership Positions: Associate professor, lecturer, and chief of research laboratory at the Department of Ophthalmology, University Erlangen-Nürnberg.

Special Honors: 'Thiersch' prize of the Medical Faculty of the University Erlangen-Nürnberg for the best medical thesis in 1999 (2000); Poster prize of the Deutsche Ophthalmologische Gesellschaft (2003).



Michal Schwartz, PhD

Affiliation: Professor of Neuroimmunology, Department of Neurobiology, The Weizmann Institute of Science, Rehovot, Israel.

Leadership Positions: Neuroimmunology, Neuroprotection in glaucoma, cross-talk between immune and nervous systems in health and disease; Immune-based therapy for acute and chronic CNS insults; Immune and adult neurogenesis.

Special Honors: Career Woman of



the year 2000, Israel; ARVO Award for outstanding research in the basic or clinical sciences as applied to ophthalmology (Friedenwald Award) (2002); The International Glaucoma Review Award for daring, breakthrough, creative, original research in glaucoma (2002); NARSAD Distinguished Investigator Award (2007).

Steve Seah, MBBS, FRCS(Ed), MMed(Ophth), FRCS(G), FROPth(UK), FAMS

Title and Affiliation: Senior Consultant, Singapore National Eye Centre; Clinical Senior Lecturer, National University of Singapore; Director, Excellence Healthcare; Director, Steve Seah Ophthalmology Pte Ltd; Director, Steve Seah Eye Surgery Pte Ltd.

Areas of Interest: Angle closure glaucoma, glaucoma surgeries and wound healing, glaucoma drainage devices, presbyopia, relationship of lens and glaucoma.

Leadership Positions: President of Singapore Society of Ophthalmology; Executive and Founding Member of Asian-Oceanic Glaucoma Society; Former Head of Glaucoma Service of Singapore National Eye Centre; President of Organizing Committee, Congress of Asia-Pacific Academy of Ophthalmology 2006; Member of Glaucoma Research Society; Council Member of Asia-Pacific Academy of Ophthalmology; Board Member of Singapore Eye Foundation; Commanding Officer and Lieutenant Colonel of Second Combat Support Hospital; Singapore Armed Forces.

Special Honors: Special Distinguished Award, Asia-Pacific Academy of Ophthalmology 2001 and 2006; Special Achievement Award, Singapore National Eye Centre 1997; Distinguished Graduate, National Service Command and Staff Course 2000.



Seang-Mei, SAW, MBBS, MPH, PhD

Title and Affiliation: Associate Professor, Assistant Dean (Graduate Studies), Department of Community, Occupational and Family Medicine, Yong Loo Lin School of Medicine, National University of Singapore.

Research Interest: Epidemiology of Myopia, Epidemiology of Eye Disease, Genetics of Eye Disease.

Leadership Positions: Chair, 11th International Myopia Conference held in Singapore in 16-18 August 2007. Member of the CL Program Committee of the Association for Research in Vision and Ophthalmology, ARVO (2007-2010). International Editorial Advisory Board, Ophthalmic and Physiologic Optics.

Special Honors: Garland W. Clay Award, 2007, American Academy of Optometry; ARVO Gesine-Mohn Travel Fellowship; Great Women of Our Times Award (Science and Technology) 2006.



Jovina See, BA, Hons (Genetics), MBBChir(Camb), MA, FRCSEd, MMed(Ophth)

Title and Affiliation: Consultant eye surgeon and the Head of Glaucoma Services at the Eye Surgery Centre, National University Hospital of Singapore.

Area of interest: Glaucoma, including closed and open angle glaucoma; imaging and early detection of glaucoma progression. Specialist in performing laser and surgery for glaucoma as well as cataract.

Special honors: Canadian Ophthalmology Society/Coherent-AMT Award for Excellence in Research; Stephen Drance Award for the best research presentation in 2006. She has also won the Young Investigator's Award at the Singapore National Joint Research Meeting in Ophthalmology, and has been awarded various research grants in Singapore and Canada.



Tarek Shaarawy, MD

Title and Affiliation: Head of Glaucoma Department, in the University of Geneva, Switzerland.

Research Interests: New surgical techniques of glaucoma surgery.

Leadership Positions: Secretary General of the International Society of Glaucoma surgery.



Mark Sherwood, MD, PhD

Title & Affiliation: Professor Ophthalmology and Cell Biology, and Director of Vision Research Center, University of Florida.

Research Interests: Glaucoma Surgery and Wound Healing, Progression, Social effects of Glaucoma.

Leadership positions: Chair, American Academy Ophthalmology Online Education Committee; Past-Chair American Glaucoma Society Program Committee; Past-Chair ARVO Glaucoma Section Program Committee.

Special honours: American Academy Ophthalmology Senior Honors and Secretariat Award.



M. Bruce Shields, MD

Title and Affiliation: Marvin L. Sears Professor and Chairman Emeritus, Department of Ophthalmology and Visual Science, Yale University School of Medicine.

Areas of Interest: Laser and incisional surgery for glaucoma.

Leadership Positions: Past President of American Glaucoma Society; Past President of the North Carolina Ophthalmologic

Society; Past Chairman of Board of Directors of American Board of Ophthalmology, Glaucoma Committee of National Society to Prevent Blindness and Glaucoma Program Committee of Association for Research in Vision and Ophthalmology.

Special Honors: Forty-one named lectures, Senior Honor Award of American Academy of Ophthalmology, Excellence in Teaching Awards at Duke University School of Medicine and Duke University Eye Center and "Ophthalmologist of the Millennium" by the International Academy for Advances in Ophthalmology.



Shiroaki Shirato, MD., PhD.

Affiliation: Yotsuya Shirato Eye Clinic; Clinical Professor at Tokyo Medical University and Tokyo Medico-Dental University, Tokyo, Japan.

Research Interest: Glaucoma, Visual Field, Laser

Special Honors: Suda Memorial Medal of Japan Glaucoma Society (2005).



Ramanjit Sihota, MD, FRCS, FRCOphth

Title and Affiliation: Head, Glaucoma research facility and clinical services at Dr Rajendra Prasad Centre for Ophthalmic Sciences, All India Institute of Medical Sciences, New Delhi, India.

Areas of Interest: Primary Angle Closure Glaucoma, imaging, surgical techniques and drug therapy in glaucoma.

Leadership positions: Member, Glaucoma advisory group and Project evaluation committee of the Indian Council of Medical Research, the executive committee of SEAGIG and various committees of the AIGS. She is a past president of the Glaucoma Society of India.

Special honors: won many national and international awards for research in glaucoma, especially pertaining to primary angle closure glaucoma, neovascular glaucoma and imaging in glaucoma.



Kuldev Singh, MD, MPH

Title and Affiliations: Professor of Ophthalmology, Director, Glaucoma Service, Stanford University, Stanford, CA, U.S.A.

Areas of Interest: Glaucoma, clinical epidemiology, economics of health care delivery, and ophthalmic approaches in developing countries.

Leadership positions: Member, Medical Advisory Board of Unite for Sight; Member, Executive Committee of the

American Glaucoma Society and the Board of Directors of the Glaucoma Research Foundation; Chair and methodologist for the glaucoma section of the Ophthalmic Technology Assessment Panel of the American Academy of Ophthalmology (AAO) and Glaucoma Subspecialty Day Co-Chair at the 2002 and 2003 AAO Meetings; Executive Vice President Elect of AIGS.

Special honors: Senior Achievement and Secretariat Awards from the AAO in 2005 and 2006 respectively and was on the team that won first prize in the Cataract Surgery Section of the Challenge Cup at the American Society of Cataract and Refractive Surgery Meeting in 2006.



Arthur J. Sit, SM, MD

Title and Affiliations: Assistant Professor of Ophthalmology, Mayo Clinic College of Medicine Senior Associate Consultant, Mayo Clinic, Rochester, MN, U.S.A.

Research Interests: Aqueous humor dynamics (circadian variations, basic mechanisms of outflow facility); Development of devices for continuous monitoring of IOP and measurement of episcleral venous pressure; Novel surgical devices and techniques; Epidemiology of glaucoma and blindness.

Leadership Positions: AIGS Associate Advisory Board; Reviewer for *Ophthalmology*, *Investigative Ophthalmology and Visual Science*, *Experimental Eye Research*.

Special Honours: AGS 2007 Clinician-Scientist Fellowship.



George L. Spaeth, MD

Title and Affiliation: Louis J. Esposito Research Professor, Director, Glaucoma Service, Wills Eye Hospital, Philadelphia, Pennsylvania, U.S.A.

Research Interests: Blood flow. Optic nerve. Quality of life.

Leadership Positions: E.B. Spaeth Clinical Research Foundation: Founder and President; Eye Disease Foundation: Founder and President; Wills Eye Hospital Glaucoma Service Foundation to Prevent Blindness: Founder and President.

Special Honors: Selected as one of the *Best Ophthalmologists in America* by a survey of the Chairmen and Directors of Residency Training Programs in the United States (1999); American Academy of Ophthalmology, *Lifetime Achievement Award* (2000).



Robert L. Stamper, MD

Title and Affiliation: Professor and Director of the Glaucoma Service, University of California, San Francisco (UCSF), San Francisco, California, U.S.A.

Research Interests: Early diagnosis, Surgical approaches, pharmacology of glaucoma.

Leadership Positions: Editor, Ophthalmology Clinics of North America (1988-2004); President, American Glaucoma Society (1999-2000); Board of Directors, American Board of Ophthalmology 1992-1999.

Special Honors: Distinguished Alumnus Lecture: Washington University School of Medicine (9/2004); Troutman Master Teacher Award - 2001.

**Remo Susanna Jr., MD**

Title and Affiliation: Associated Professor in Ophthalmology.

Leadership positions: President and founder of The Latin America Glaucoma Society; Member and Governor of The Association of Glaucoma International Societies 2001-2007; Member International Committee ARVO 2002-2007; Member International Advocacy Committee ARVO 2002-2007; Member and Governor International Society for Imaging in the Eye 2000-2007. Member of the Executive committee of Glaucoma Research Society: Chairman World Glaucoma Consensus in IOP Fluctuation -2007.

Special honors: Several awards in Latin America and Achievement Award American Academy of Ophthalmology.

Patent: Susanna's setons for glaucoma S-1 and S- 2; suprachoroidal Shunt for glaucoma.

**Ernst R. Tamm, MD**

Title and Affiliation: Professor and Chairman, University of Regensburg, Institute of Human Anatomy and Embryology, Regensburg, Germany.

Research Interests: Molecular pathogenesis of primary open-angle glaucoma; Control of gene expression in the outflow pathways of aqueous humor; Development of genetically engineered mouse models for primary open angle glaucoma; Molecular regulation of anterior eye development. Continuously funded for this work by the German Research Council since 1992.

Leadership Positions: Professor and Chairman, Institute of Human Anatomy and Embryology, University of Regensburg, Regensburg, Germany; Council Member of the International Society for Eye Research (Councilor Europe), Member Editorial Board 'Experimental Eye Research', Section Editor 'Aqueous Humor and Outflow Pathways'; Member Editorial



Board 'Current Eye Research'; Special Section Editor 'Journal of Glaucoma', Member Scientific Advisory Committee of the Glaucoma Research Foundation, San Francisco, CA. Ad hoc grant reviewer of the German Research Foundation, the Israel Science Foundation and the Swiss National Science Foundation. Heisenberg-Award of the German Research Foundation.

Special Honors: Glaucoma-Award of the German Society of Ophthalmology; Walther Kalkhof-Rose-Award of the Academy for Science and Literature, Mainz, Germany; Ruth Salta Junior Investigator Achievement Award of the National Glaucoma Research Program, American Health Assistance Foundation, Rockville, Maryland.

Hiddenobu Tanihara, MD

Title and Affiliation: Professor & Chairman, Department of Ophthalmology & Visual Science, Kumamoto University Graduate School of Medical Sciences, Japan.

Research Interests: Aqueous Outflow Pathway, Retinal Ganglion Cell Death and Neuroprotective Therapy, Development of Novel IOP-lowering Drugs, Surgical Treatments of Glaucoma, Molecular Biology of Glaucoma. Wound Healing.

Leadership Positions: Active Member for Glaucoma Research Society, Program Officer for Japan Society for the Promotion of Science, Visiting Professor at Kyoto University. Council Member for Japan Glaucoma Society, Japanese Ophthalmological Society, Japanese Society for Ocular Pharmacology, Japanese Society of Ophthalmic Surgeons, Japanese Society for Ocular Inflammation and Japanese Society for Ocular Infection.

Special Honors: Japanese Ophthalmologists Society Council Award (2005), Japan Glaucoma Society Suda Memorial Award (1999). Young Japanese Ophthalmologists Society Investigator Award (1995).

**Ravi Thomas, MD**

Title and Affiliation: Visiting Professor, L.V.Prasad Eye Institute, Hyderabad, AP, India, Appointed Director of Glaucoma Services, Queensland Eye Institute, Brisbane, Australia.

Research Interests: Glaucoma, Strabismus, Cataract & Clinical Epidemiology.

**John Thygesen, MD**

Title and affiliation: Associate Professor. Director of The Glaucoma Clinic, Rigshospitalet, University of Copenhagen, Denmark.

Areas of interest: Open Angle Glaucoma, Angle Closure Glaucoma. Congenital glaucomas. Pharmacology. Health economics. Lasers. New surgical procedures in glaucoma.

Leadership Positions: Founder and President of the Danish

Glaucoma Society. Past vice-president of the Danish Organization of Ophthalmologists 1990-98. Member of the Executive Committee and the Educational Committee of The European Glaucoma Society (EGS). Co-author of the European Glaucoma Society Guidelines 1998 and 2003. Medical advisor for the National Board of Health and The Medicines Agency under the Ministry of the Interior and Health. Associate editor of *Acta Ophthalmologica*. Reviewer for the *Journal of Glaucoma*, *Graefes Archives of Ophthalmology*, *Acta Ophthalmologica*, *The Journal of cataract and refractive Surgery*, *Scandinavian Journal of Medicine & Science in Sports*, *Expert Opinion on Pharmacotherapy*, *Eye* and the *British Journal of Ophthalmology*. *Special Honors*: Honorary member of the South African Glaucoma Society. Numerous invited guest lectures worldwide. 15 Honorary awards.



Goji Tomita, MD, PhD

Title and Affiliation: Professor, Department of Ophthalmology Toho University School of Medicine, Director, Department of Ophthalmology Toho University Ohashi Medical Center.

Areas of Interest: Normal Pressure Glaucoma, Angle Closure Glaucoma, Image Analysis.

Leadership Positions: Past Editorial board, *Journal of Japanese Ophthalmological Society*; Trustee, *Japan Glaucoma Society*; General Secretary of 14th Annual Meeting of *Japan Glaucoma Society*; Program Committee of 16th, 17th and 18th Annual Meeting of *Japan Glaucoma Society*; Executive Member of *Asian Angle Closure Glaucoma Club*.

Special Honor: The Third Suda Award (*Japan Glaucoma Society*).



Fotis Topouzis, MD, PhD

Title and affiliation: Assistant Professor of Ophthalmology at the Aristotle University of Thessaloniki. Head Glaucoma section; II Department of Ophthalmology, Aristotle University of Thessaloniki; Head and Founder of the Laboratory of Research and Clinical Applications in Ophthalmology; II Department of Ophthalmology, Aristotle University of Thessaloniki., Greece.

Areas of interest: Ophthalmic epidemiology, risk factors, glaucoma screening, genetic epidemiology in glaucoma, glaucoma phenotyping, imaging, glaucoma surgical and medical management, principal investigator of two large population-based studies.

Leadership positions: Secretary of GlaucoGENE, a Special



Interest Group of the European Glaucoma Society; Member of the Editorial Board American journal of Ophthalmology. *Special honors*: Distinguished foreign resident Award from the College of Medicine of the Hospitals in Paris; Post Doctoral Award from the Aristotle University of Thessaloniki, Greece; Shaffer International Fellowship Award from the Glaucoma Research Foundation, San Francisco, CA.

Carlo E. Traverso, MD

Title and affiliation: Tenure as Associate Professor, clinical position as senior staff and head of the Glaucoma and Cornea Clinical Unit.

Areas of interest: glaucoma, cornea, cataract and refractive surgery.

Leadership position: member of the Executive Committee of the European Glaucoma Society (EGS); Medical Director of the Fondazione Banca degli Occhi Melvin Jones (FBOMJ); member of the Advisory Board of the Italian Association for the Study of Glaucoma (AISG); Editor-in-chief of *View on Glaucoma*. In the past he was part of the glaucoma section Program Planning Committee, the Long range Planning Committee and the International Advocacy Working Group of the Association for Research in Vision and Ophthalmology (ARVO).

Special Honors: American Academy of Ophthalmology Honor Award (1993), prize of the Italian Ophthalmological Society for clinical research (1991), and the AIRCMO prize for research in ophthalmology (1999).



James C. Tsai, MD

Title and Affiliation: Robert R. Young Professor and Chairman, Department of Ophthalmology and Visual Science, Yale University School of Medicine, New Haven, CT, U.S.A.

Leadership positions: Fellow of the American Academy of Ophthalmology, the American College of Surgeons, and the Royal Society of Medicine in the United Kingdom; Panel consultant for the Ophthalmic Devices Panel of the U.S. Food and Drug Administration; Associate examiner for the American Board of Ophthalmology; Member of the National Eye Health Education Program Planning Committee of the National Institutes of Health; Member, Board of Directors of the Glaucoma Foundation, Chairman of its Medical Advisory Board.

Special honors: Achievement Award from the American Academy of Ophthalmology.



Anja Tuulonen, OYS, MD, PhD

Title and Affiliation: Professor and clinic head, Department of Ophthalmology, University of Oulu, Finland.

Research Interests: Glaucoma diagnostics, Evidence Based Medicine evaluation of glaucoma research, Cost-effective-

ness, Prioritizing, Health care structures.

Leadership Positions: Committee for Continuous Medical Education (chair), University of Oulu. EGS executive board member, Board for Health Care Professionals (The Finnish Ministry of Social Affairs and Health). Administrator in several national health care and educational projects in Ministry of Social Affairs and Health and Ministry of Education. Past president of the Finnish Ophthalmological Society. Board member of the Quality Council of Finnish Medical Association.

Special Honors: 'The Good Teacher' award and 'The Lecturer of the Year', University of Oulu, Medical Faculty. The Finnish Medical Association Quality Award (Oulu University Eye clinic).



Rohit Varma, MD, MPH

Title and Affiliation: Professor of Ophthalmology and Preventive Medicine, University of Southern California, Keck School of Medicine; Director, Glaucoma Service, Ocular Epidemiology Center and Clinical Trials Center, USC Department of Ophthalmology, Los Angeles, CA, U.S.A.

Areas of Interest: Epidemiology of Eye disease, Imaging of the retina and the optic nerve, Clinical Trials in ophthalmology.

Leadership Positions: Program Committee for Clinical Research, ARVO; Member, Executive Committee, Doheny Eye Medical Group; Board of Scientific Counselors, National Eye Institute; Editorial Board Member *Ophthalmology*; Member, AAO Anterior Segment Preferred Practice Patterns Panel; Member, AAO Basic and Clinical Science Course Section I Committee.

Special Honors: National Eye Institute National Research Service Award, Research to Prevent Blindness Career Development Award, Research to Prevent Blindness Sybil B. Harrington Scholar Award, American Academy of Ophthalmology Honor Award and Senior Honor Award.



L. Vijaya, MD

Title and Affiliation: Director of Shrimat Jadavbai Nathmal Singhvee Glaucoma Services Sankara Nethralaya, Chennai, India; President -Glaucoma Society of India. **Research Interest:** Epidemiological studies of glaucoma in India and angle closure glaucoma.



Ananth C. Viswanathan BSC (Hons) MBBS(Lond) FRCOphth MD

Affiliations: Consultant Surgeon (Glaucoma), Moorfields Eye Hospital, London; Honorary Senior Clinical Research Fellow, Inst. of Ophthalmology, London; Member of Statistical Genetics Group, Inst. of Psychiatry, London, United Kingdom.

Research interests: Quality of life in glaucoma. Visual psychophysics in glaucoma. Complex genetics in common eye disease.

Leadership positions: Chairman of GlaucoGENE (European Glaucoma Society Genetic Epidemiology Network); Chairman of UK Glaucoma Early Diagnosis Programme; Member of AIGS Junior Advisory Board; Member of European Glaucoma Panel.

Special honors: Member of Honorary Medical Advisory Panel to the Secretary of State on Visual Disorders and Driving.



Steven D. Vold, MD

Title and Affiliation: Boozman-Hof Regional Eye Clinic, P.A.

Areas of Interest: Diagnosis and management of glaucoma; laser and surgical care in glaucoma; management of complex glaucoma, cataract and secondary intraocular lens cases; small-incision cataract surgery.

Leadership positions: Past Vice Chairman of the Department of Ophthalmology, Director, Division of Glaucoma and Assistant Professor in the Department of Ophthalmology and Surgery at the Scott and White Eye Institute and Texas A&M College of Medicine in Temple, Texas; Director of the Center for Ophthalmic Advancement and the primary instructor in glaucoma diagnosis and management for resident physicians and medical students; Consultant for the Olin E. Teague Veteran's Administration Hospital in Temple.

Special honors: He has been awarded numerous scholarships and academic awards.



Lan Wang, MD Ph.D

Title and affiliation: Clinical associate professor of Beijing Tongren Hospital, Capital Medical University, Beijing, People's Republic of China.

Areas of interest: Angle-closure glaucoma, Glaucoma Surgery.

Special Honors: Member of AIGS Guidelines for Clinical Glaucoma Surgical Committee.



Ning-Li Wang, MD PhD

Title and Affiliation: Chairman of Beijing Tong Ren Eye Center; Professor of Ophthalmology; Chief Ophthalmologist; Supervisor of MD & PhD program in Ophthalmology, Beijing, People's Republic of China.

Research Interests: Gene therapy; Treatment of glaucomatous optic neuropathy; Glaucoma Surgery.

Leadership positions: Vice President of Beijing Tong Ren Hospital; Capital Univ. of Medical Sciences (CPUMS); Chairman of Beijing Tong Ren Eye Center; Dean of Beijing School of Ophthalmology, Capital Univ. of Medical Science; Director of Vision Science Laboratory, School of Ophthalmology, CPUMS.

Special Honors: The quantitative study of angle configuration of PACG by UBM. Excellent Paper Award. Chinese glaucoma Society, Chinese Medical Association. 1999; An Asian Theme & Inaugural meeting of the SouthEast Asian Glaucoma Interest Group (SEAGIG). Invited speaker. Bangkok, 26-29 November 2000; Series study of the pathogenesis and classification of primary angle closure glaucoma in China. Chinese University Natural Science Award, first-class. 2000.

**Tsing-Hong Wang, MD, PhD**

Title and Affiliation: Assistant Professor, Glaucoma Division, Department Ophthalmology, National Taiwan University Hospital.

Areas of Interest: Angle closure glaucoma, myopia and glaucoma.

**Martin B. Wax, MD**

Title and affiliation: Vice President of R&D and Head of Ophthalmology Discovery Research and Preclinical Sciences at Alcon Laboratories in Ft. Worth, Texas.; Professor of Ophthalmology and Visual Sciences at the University of Texas Southwestern Medical School in Dallas, Texas.

Research Interests: Cell biology of aqueous humor formation and the role of the immune system in glaucomatous optic neuropathy.

Leadership positions: He currently serves on several national and international Scientific Advisory Committees and Editorial Boards.

Special honors: Recipient of the 1991 Robert E. McCormick Scholarship; the 1995 Lew R. Wasserman Merit Award for his contributions to basic eye research; the 1999 Rudin Prize from the NY Academy of Medicine; the 2001 Senior Investigator Award from Research to Prevent Blindness; the 2003 Clinician-Scientist Award from the American Glaucoma Society.

**Robert N. Weinreb, MD**

Title and Affiliation: Distinguished Professor of Ophthalmology, Director, Hamilton Glaucoma Center, University of California, San Diego, La Jolla, California, U.S.A.

Research Interests: Glaucoma diagnosis. Optic nerve (optic disc and retinal nerve fiber layer) imaging. Molecular and cellular mechanisms of aqueous outflow. Molecular and clinical aspects of glaucoma neuroprotection. Wound healing and glaucoma surgery.

Leadership Positions: President, American Glaucoma Society (AGS); Past President, Association of International Glaucoma Societies (AIGS); Board of Governors, Association of International Glaucoma Societies (AIGS); Past President, Association for Research in Vision and Ophthalmology (ARVO) Editorial Board Appointments: Editor, International Glaucoma Review; Associate Editor, Journal of Glaucoma; Editorial Board, Investigative Ophthalmology and Visual Science; Editorial Board, Archives of Ophthalmology; Co-Editor, Graefe's Archive for Clinical & Experimental Ophthalmology; Current Research Section Editor, Survey of Ophthalmology; Chief Editor, Focus on Glaucoma; Editorial Board, Seminars in Ophthalmology; Editorial Board, Eye Science; Editorial Board, Ophthalmic Surgery, Lasers & Imaging; Co-Editor, Essentials of Ophthalmology; Founded Glaucoma-Net (1996); Founded AGS-Net (1998). President, Boylston Medical Society (Harvard Medical School).

Special Honors: Helmholtz Award for Research Excellence; Alcon Research Institute Award for Outstanding Contributions to Research in Visual Sciences (1983 and 1992); AIGS Award for Outstanding Glaucoma Research; Research to Prevent Blindness Physician-Scientist Award; Best Doctors in America; University of California San Diego, Outstanding Teacher; Senior Honor Award of American Academy of Ophthalmology; Heed Ophthalmic Foundation Award in recognition of leadership and contributions in ophthalmology; Research to Prevent Blindness Senior Scientific Investigator Award; Benjamin Waterhouse Fellow, Harvard Medical School; Honorary Member, la Sociedad Latino-Americana de Glaucoma.

**Tony Wells, MD**

Title and Affiliation: Senior Lecturer, Wellington School of Medicine, Wellington, New Zealand.

Research Interests: Glaucoma Surgery and Bleb Grading. Pseudoexfoliation Syndrome. Imaging.

Leadership Positions: Head of Ophthalmology Unit, Wellington School of Medicine.



Da-Wen Lu, MD, PhD

Title and Affiliation: Associate Professor, Director and Chief at Department of Ophthalmology, Tri-Service General Hospital, Taipei, Taiwan.

Areas of Interest: Angle Closure Glaucoma, Ocular Pharmacology, and Experimental Glaucoma Research.

Leadership Positions: Director and Chief at Department of Ophthalmology, Tri-Service General Hospital; President of Taiwan Glaucoma Society; Board Member of Taiwan Academy of Ophthalmology; Board Member of Taiwan Ophthalmological Academy; Board Member of SEAGIG.

Special Honors: Outstanding Academy Performance Awards from National Science Council of Taiwan, Guest Lecturer at numerous Scientific Conferences.

**Richard P. Wilson, MD**

Title and Affiliation: Professor of Ophthalmology, Thomas Jefferson University, Co-Director, Glaucoma Service, Wills Eye Hospital, Philadelphia, PA, U.S.A.

Areas of Interest: Surgical Management of Glaucoma, e-Medicine.

Leadership Positions: Chair, Glaucoma Eye Care Program, American Academy of Ophthalmology Foundation; Chairman of the Association of International Glaucoma Societies Committee on Glaucoma Society Organization, Past President of the American Glaucoma Society, Past Editor of Mosby's *Yearbook of Ophthalmology* from 1996 to 2002.

Special Honors: Golden Apple Award for best teacher, Wills Eye Hospital; Inaugural Richard P. Wilson Faculty Teaching Award by The International Society of Spaeth Fellows and The Wills Glaucoma Fellowship Program; Honor and Senior Honor Awards from the American Academy of Ophthalmology.

**M. Roy Wilson, MD, MS**

Title and Affiliation: President of the Texas Tech University Health Sciences Center, Lubbock, Texas, U.S.A.

Research Interest: Epidemiology and ophthalmology, especially in fostering the evolving field of glaucoma epidemiology.

Leadership Positions: Advisory Council and as Chair of the Strategic Plan Subcommittee for the National Center on Minority Health and Health Disparities (NIH). Elected lifetime membership in the Institute of Medicine of the National Academy of Sciences.

Dr. Wilson began serving as chancellor of the UCDHSC



in July, 2006. He is an elected member of the Institutes of Medicine of the National Academy of Sciences, the American Ophthalmological Society, and the Glaucoma Society of the International Congress of Ophthalmology.

Dr. Wilson's major scientific contributions have been in bridging the fields of epidemiology and ophthalmology. He actively participates on numerous national boards and committees, with particular focus on ophthalmology and on the health of underserved populations. Among these are the Academy of Medicine, Engineering and Science of Texas, EyeCare America (the Glaucoma Project of the American Academy of Ophthalmology), and the Association of International Glaucoma Society's Committee on Global Research and Screening, for which he is the co-chair. Additionally, Dr. Wilson was an initial Advisory Council member of the National Center on Minority Health and Health Disparities of the National Institutes of Health and served four years as chair of its Strategic Plan subcommittee.

Dr. Wilson received his MD from Harvard Medical School and his MS in epidemiology at the UCLA School of Public Health. He performed both his ophthalmology residency and glaucoma fellowship at the Massachusetts Eye and Ear Infirmary, Harvard Medical School. Dr. Wilson was named president of the Texas Tech University Health Sciences Center in 2003. Dr. Wilson has delivered more than 200 invited lectures, many of these internationally, and has published more than 200 articles, book chapters and abstracts.

Hon Tym Wong, FRCSEd, MMed, FAMS

Title and Affiliation: Head, Department of Ophthalmology, Tan Tock Seng Hospital, Singapore, also known as The Eye Institute @ TTSH.

Area of interest: Imaging, angle closure glaucoma and glaucoma surgery.

Awards: Best Teacher, Division of Surgery, Tan Tock Seng Hospital, 2002; TTSH Excellent Service Award (Star Award) 2006.

**Tina T.L. Wong, PhD**

Title and Affiliation: Consultant, Glaucoma Service, Singapore National Eye Centre; Clinician Scientist, Singapore Eye Research Institute.

Areas of Interest: Ocular Inflammation and Wound Healing in Glaucoma, Ocular Drug Delivery, Angle Closure Glaucoma.

**Tien Yin Wong, MBBS, MMED, FRCSE, FRANZCO, FAFPHM, MPH, PhD**

Title and Affiliation: Professor of Ophthalmology, University of Melbourne; Deputy Chair, Centre for Eye Research Australia; Director, Retinal Vascular Imaging Centre; Consultant Ophthalmologist, Royal Victorian Eye & Ear Hospital.

Research Interest: Retinal vascular diseases, focusing specifically on the use of retinal vascular imaging to predict risk of cardiovascular diseases, such as stroke and ischemic heart disease.

Special Honours: National and International recognition with numerous awards: The Presidents Scholarship in Singapore (1987), Jeans Coombs Award – Johns Hopkins University (1997), Scholz Award – Wilmer Ophthalmological Institute (1999), The Ten Outstanding Young Person of the World for 'Academic leadership in people younger than 40 years of age' (1999), Asia Pacific Academy of Ophthalmology Prevention of Blindness Award (2003), Sandra Doherty Award (American Heart Association 2004), Outstanding Researcher Award – National University of Singapore (2004), Woodward Medal in Science and Technology – University of Melbourne (2005), Alcon Award - Alcon Research Institute (2006), Novartis Prize in Diabetes, Young Investigator (2006), and, Commonwealth Health Minister's Award for Excellence in Health and Medical Research, Australia (2006).



David J. Wright

Title and Affiliation: Chief Executive of the International Glaucoma Association (IGA) (since January 2000), Fellow of the Institute of Association Management and Fellow of the Royal Society of Arts.

Area of Interest: My main interests in glaucoma are compliance, patient education and public awareness, which are the three greatest challenges in the prevention of blindness from glaucoma. I started working for the IGA as a volunteer over 25 years ago and have been employed full time by the Association for about 20 years. My role, apart from the normal duties associated with being a Chief Executive, includes being a regular speaker at ophthalmic meetings and training seminars for ophthalmologists, nurses, optometrists and other health care professionals involved in the care and management of glaucoma both here and across the world. I have also written extensively on these matters in the general, ophthalmic and pharmaceutical press and have appeared on television and radio in several different countries. My aim is to continue to help the IGA develop its services, particularly its multiple language provision so that it can better fulfil its role 'to help prevent glaucoma blindness throughout the world' with the ultimate aim of one day, making preventable glaucoma blindness a thing of the past. As the founder of this Association, Mr Ronald Pitts Crick once said – 'if preventable, why not prevented?'



Tetsuya Yamamoto, MD

Title and Affiliation: Professor and Chairman, Department of Ophthalmology, Gifu University Graduate School of Medicine, Gifu-shi, Japan.

Research interest: Glaucoma management, Normal-tension

glaucoma, Glaucoma surgery, Prognosis of glaucoma, Primary angle closure.

Leadership positions: Board member, Japan Glaucoma Society; Active Member, Glaucoma Research Society; Board member, Japanese Ophthalmological Society.

Special honors: Suda Award (Japan Glaucoma Society, 1994); Council Award (Japanese Ophthalmological Society, 2001).



Yeni H. Yücel, MD, PhD, FRCPC (Neuropathology)

Title and Affiliation: Professor, Director, Ophthalmic Pathology Laboratory, University of Toronto; Department of Ophthalmology & Visual Sciences, University of Toronto, Department of Laboratory Medicine & Pathobiology, St. Michael's Hospital, Toronto, Canada.

Research Interests: Neuropathology of central visual pathways in glaucoma and neuroprotection.

Leadership Positions: Director, Ophthalmic Pathology Laboratory, University of Toronto.

Special Honors: Association of International Glaucoma Societies (IGR) 2001 Best Article Award October 19th, 2002 For Y.H. Yücel, Q. Zhang, R.N. Weinreb, P.L. Kaufman and N. Gupta. Atrophy of relay neurons in magno-and parvocellular layers of the lateral geniculate nucleus in glaucoma. IOVS, 2001, 42 (2001)3216-3222; Excellence in Research Award Glaucoma Research Society of Canada Award, 2000.



Linda M. Zangwill, PhD

Title and Affiliation: Professor, Director, Diagnostic Imaging Laboratory, Department of Ophthalmology, University of California, San Diego, La Jolla, California, U.S.A.

Research Interests: Techniques for detection and monitoring of glaucomatous structural damage and change over time. Characterization of the relationship between structural and functional change. Identification of predictive factors for the development and progression of glaucoma.

Leadership Positions: Journal of Glaucoma Editorial board (since 1999); International Perimetric Society (Board member 2002- present); Glaucoma Society of the International Congress of Ophthalmology (elected 2002); UC San Diego The Sam and Rose Stein Institute for Research on Aging (elected 2004); Faculty Co-chair: UC San Diego Chancellor's Advisory Committee on the Status of Women (2004-2007).



Thierry Zeyen, MD, PhD

Title and Affiliation: Full Professor, Catholic University of Leuven. Head Glaucoma Unit, University Hospital of Leuven, Leuven, Belgium.

Research Interest: Medical and Surgical Treatment of Glaucoma, Optic Disc Imaging in Glaucoma, Psychophysical testing in Glaucoma, Compliance in Glaucoma Therapy.

Leadership Positions: President Belgian Glaucoma Society, Vice-president Belgian Ophthalmological Society.



Jialiang Zhao, MD

Title and Affiliation: Professor, Department of Ophthalmology, Beijing Union Medical College Hospital, Beijing; Director, Eye Research Center, Chinese Academy of Medical Sciences, Beijing, China.

Research Interests: Glaucoma. Ophthalmic epidemiology.

Leadership Positions: President, Chinese Ophthalmological Society; Editor-in-Chief, Chinese Journal of Ophthalmology; President, Chinese Ophthalmologist Association, Member of Academia Ophthalmologica Internationalis, Member of International Council of Ophthalmology, Member of Asia Pacific Academy of Ophthalmology.

Special Honors: Kupfer Award for Prevention of Blindness in 1999; Arthur Lim Award in 2007.



CV of AIGS Awardee who will also present in a Didactic Session and a Course

Terete Borrás, PhD.

Title and Affiliation: Professor, School of Medicine, Ophthalmology, University of North Carolina at Chapel Hill; Associate Professor, Medical School, Ophthalmology, Duke University, Durham, NC, USA.

Areas of interest: search for alternative, long-term treatments of glaucoma by the use of gene transfer/gene therapy.

Leadership positions: Director of Biology R&D, Cusi Laboratories (current Alcon-Cusi), Barcelona, Spain; Principal Investigator, National Eye Institute, NIH; Glaucoma Foundation Scientific Advisory Board, NIH; review sessions Molecular Vision, Experimental Eye Research, IOVS – as required.



The reasonable man adapts himself to the world; the unreasonable man persists in trying to adapt the world to himself. Therefore all progress depends on the unreasonable man.

George Bernard Shaw

WORLD GLAUCOMA CONGRESS



GLOBAL ASSEMBLY

Global Assembly of Glaucoma Societies

The AIGS unites 67 Glaucoma Societies. The larger regions are represented by the regional Glaucoma Societies in the General Assembly (e.g., the European Glaucoma Society represents the national Glaucoma Societies in Europe). The Global Assembly of Glaucoma Societies is organized every two years at the occasion of the World Glaucoma Congress. Representatives of all national and regional Glaucoma Societies (see inside back cover) get together during this major event to discuss topics of interest at a global glaucoma level. The Global Assembly is a unique occasion for representative of the worlds Glaucoma Societies to meet each other. Since 2005 more Glaucoma Societies/Groups/Sections have joined the AIGS: the African Society of Glaucoma and the Glaucoma Surgeons Singapore.

Highlights from the Global Assembly agenda:

- o improvement of glaucoma care world-wide
- o health economics
- o promulgation
- o priority research
- o consensus and guidelines
- o dissemination of information world-wide
- o Glaucoma Patient Organizations
- o advocacy
- o communication through AIGS internet-based discussion forum

Mindfulness

In this state of perception, nothing remains the same for two consecutive moments. Everything is seen to be in constant transformation.

All things are born, all things grow old and die. There are two exceptions.

You awaken to the incesasing changes of your own life.

You look around and see everything in flux, everything, everything, everything. It is all rising and falling, intensifying and diminishing, coming into existence and passing away. All of life, every bit of it from the infinitesimal to the Indian Ocean, is in motion constantly. You perceive the universe as a great flowing river of experience. Your most cherished possessions are slipping away, and so is your very life.

Yet this impermanence is no reason for grief. You stand there transfixed, staring at this incessant activity, and your response is wondrous joy.

It's all moving, dancing and full of life.

SCIENTIFIC PROGRAM OVERVIEW



SCIENTIFIC PROGRAM OVERVIEW

This meeting

After the highly successful World Glaucoma Congress in Vienna, 2005, some adaptations were made to the program largely based on the request from the faculty and participants. The Scientific Program is based upon the following principles:

Special Parallel Topic Symposia and Debates on hot issues:

These one-hour sessions have been introduced to cover the need for representation of various viewpoints on these issues and to provide the audience with an idea what future developments can be expected. The parallel Symposia and Debates present a large choice of topics in order to satisfy the divergent needs and interest of the audience.

Target Groups

The WGC targets the Glaucoma Specialist as well as the General Ophthalmologist, who after all takes care of most of the glaucoma patients.

The Scientific Program is based on the following principles:

- o opening session by invited top speakers
- o didactic and basic clinical science sessions by invited top speakers
- o consensus outcome updates (Structure & Function, Surgery, ACG)
- o new consensus outcomes (IOP)
- o consensus promulgation symposium Glaucoma Societies; extensive discussion
- o topics from didactic sessions to come back in courses where extensive discussion is possible (more courses, more basic examination and treatment

courses, hands-on courses, resident courses).

- o original research to be presented in posters, special and extensive attention to posters (walkthrough, recognitions, poster discussion mini-Symposia (1 hour for 8 poster presenters, 2 experts), organized discussion at the posters. Glaucoma Society posters: developments in each country that are of interest to others.
- o special attention to residents
- o special attention to upcoming clinician scientists
- o extra surgical sessions
- o more video surgical activity
- o inter-Glaucoma Society mini-topic-discussion symposia
- o Glaucoma Patient Organisation symposium
- o Glaucoma Patient Organisation Course: how to organize/interact with GPO

Guidance through the program

The WGC participants will find a majority of parallel sessions and a few solo sessions.

The solo sessions are:

- Opening
- Midday Symposia
- Medical treatment session
- Closing

Opening Session and Lectures

The Opening Session will present a.o., perspective of the position of Asia in the world, the Global AIGS Award and views from the genome institute of Singapore.

Didactic, Basic and Clinical Sessions

The morning parallel sessions are divided into Didactic session and Basic & Clinical

Science sessions. The participants will be able to choose between practice-oriented and pre-practice-oriented sessions according to his/her own direction of interest.

The topics of the Didactic sessions, which will be presented in *brief 7 minutes talks* will come back during the Courses where they can be presented and discussed in extenso.

- o epidemiology
- o blindness
- o screening
- o Quality of Life
- o pathophysiology of POAG, NTG, secondary glaucoma
- o IOP and consensus outcome
- o genetics
- o risk
- o ocular hypertension
- o progression
- o consensus structure and function
- o consensus angle closure glaucoma
- o medical therapy present and future
- o cooperation with medical therapy
- o drug delivery
- o neuroprotection
- o surgery consensus and surgical guidelines
- o surgical grandround
- o laser treatment
- o video surgery

Consensus updates

The AIGS proudly presents the result of its Consensus Meetings. Three topics have been published in books:

- 2003 Structure and Function
- 2005 Surgery Open-Angle Glaucoma
- 2006 Angle-Closure Glaucoma

Updates of these Consensus Meetings will be presented at the WGC in Sessions D6 and D11.

New Consensus on Intraocular Pressure

In May 2007 the last global AIGS Consensus Meeting was held on Intraocular Pressure. The results of this meeting will be presented in extenso during Sessions D3 and D4. The book reporting on this consensus meeting is scheduled to be ready before the WGC.

Guidelines on Reporting and Publishing of Results of Glaucoma Surgery

After the Consensus Meeting on Surgery of Primary Open-Angle Glaucoma the need was felt to unify the way in which surgical results are presented in reports and publications.

Only through a unified reporting strategy it will be possible to compare results of different studies.

A special global AIGS subcommittee worked with great energy on this issue and they will present the results at this WGC during Session D12.

Basic and Clinical Science Sessions

At the request of participants of the WGC 2005 in Vienna, the organization committee has incorporated parallel Clinical and Basic Science Sessions, thus allowing both the general ophthalmologist and the glaucoma expert to select sessions that fit their personal interest.

- o risk modeling in glaucoma
- o novel mechanisms of ganglion cell death
- o what do we really know about IOP
- o axonal injury and degeneration
- o the next big thing in glaucoma
- o imaging the sick eye
- o latest in medical treatment
- o wound healing

Plenary Midday Symposia

The AIGS Glaucoma Industry Members and major sponsors of the World Glaucoma Congress have been given the opportunity to organize a plenary midday symposium. This symposium will be part of the Scientific Program and as such will fall under the full responsibility of the Program Committee.

The 24 **Symposia and Debates** on Wednesday, Thursday and Friday were especially created for this meeting. Their aim is to provide in one hour the various viewpoints on hot issues.

The participants should leave the Symposia and Debates with a fair impression of the dominant line of thought on these issues. As there will be 24 parallel Symposia on Wednesday, Thursday and Friday, there will be something of interest for each participant. The symposia and debates are planned for smaller groups of participants.

The **Courses** have the usual course format with ample possibilities for discussion. At the request of the 2005-Vienna-audience **the most popular courses will be presented twice** both on Thursday and on Friday. This will allow participants to attend six of the courses of their choice during the congress including several popular courses.

Posters

It should be emphasized that the AIGS has purposely chosen scientific posters as the only mode of free, original presentations at the congress. Posters are an excellent and important way of providing scientific information. The AIGS is making an effort to provide high visibility for the posters, by declaring them to be the exclusive medium for free presentations. The posters will be on from Wednesday July 18 noon till Saturday July 21, 4.00 p.m.

Poster Mounting and Removing

Posters should be mounted on Wednesday, July 18, between 9.00 a.m. and noon. After 12.00 hours no posters can be mounted. Assistance and material for mounting the posters will be available from 9.00 a.m., at the desk in the Poster area. Posters should be removed after 2.00 p.m. and before 5.00 p.m. on Saturday, July 21. Posters that have not been taken down by the author(s) will be removed and destroyed by the AIGS Meeting Office.

Poster Walk-through

Apart from the individual visits of participants to the posters there will be an official visit by the WGC Poster Committee, AIGS Board of Governors, Steering Committee and Glaucoma Society Representatives. The poster authors have to be present at their poster on Thursday, July 19, during the Poster Walkthrough 5.30 p.m. – 7.00 p.m. Authors are requested to indicate on their posters other times they will be available at their poster. This usually will be during one of the breaks.

The Glaucoma Society Structure posters will also be visited during the Poster Walk-through.

Poster Session

The selection of the Top-ten posters that will be discussed during the Poster Session will be done during the Poster Walk-through. The selected posters will be indicated by a selection sign which will be attached to the poster.

Selected Posters

Authors should check their poster board immediately on Friday morning, July 8, for a sign that indicates selection for the poster session. If their poster is selected, authors should report to the poster session

administrator for instructions. The Top-ten selected poster authors will present their poster in two slides (3 minutes) during the poster session on Friday afternoon (July 8, 4.30-6.00 p.m.). Following this presentation the poster will be discussed by members of the poster committee and their invited discussants (5 minutes per poster).

Poster Recognitions

During the Closing Ceremony the Poster Committee will announce the three best posters which will receive the World Glaucoma Congress Poster Recognition.

Special Attention Flags

Apart from the selection of posters for the Poster Session and Recognition the Poster Committee will give special attention flags to posters that have caught the special attention of the members of the Poster Committee, other than those selected for the poster session.

Glaucoma Society Posters

In 2005, all Glaucoma Societies were asked to present a poster about their society. This year the Program Committee asked Glaucoma Societies to create a follow-up to the highly successful Glaucoma Society poster presentation during the WGC in 2005. These Glaucoma Society Posters describe the major achievements of the Glaucoma Society between July 2005 and July 2007 including meetings, best research, awards, publication and promulgation.

Glaucoma Industry Member Symposia and Workshops

The Glaucoma Industry Members (GIM) will organize their own Symposia and Workshops. This has been done in concert with the WGC organization. The GIM organizer holds responsibility for the scientific content

of the GIM Symposia and Workshops. See p. 85 for AIGS Rules on Glaucoma Industry Member involvement.

Discussions and Interactive Questions

The WGC will have the following types of discussions.

- Panel discussions during Surgical Grand Rounds and Surgical Videos.
- During courses.
- Poster discussion symposia.
- During Poster walkthroughs, at the Posters.
- During debates.

In addition to the discussions there will be frequent interactive questions (IQA) during most of the sessions, in order to give the participants the opportunity to express their opinion on several issues discussed at the WGC. IQA may also be used to measure the impact of lectures or discussions on participant management decisions. The WGC will be using an interactive question system where speakers or chairs can poll the audience on important matters concerning the presented topic.

Language

English.

Quality of Evidence; Global AIGS Guidelines on Reporting and Publishing, and on Quality and Quantity of Glaucoma Meetings

From the beginning, the AIGS has emphasized the importance of scientific quality of its presentations and discussions. It has therefore published two reports that deal with these quality aspects: Global AIGS Guidelines on Reporting and Publishing, and Global AIGS Guidelines on Quality and Quantity of Glaucoma Meetings. The WGC will be an exercise in maintaining these

ambitious levels. For reports see www.globalAIGS.org For Quality of Evidence the WGC has adapted the **Minckler – AAO Quality of Evidence levels:**

Level I: (Interventional) Evidence obtained from at least one properly done, well-designed randomized controlled trial or meta-analyses of high quality randomized controlled trials. (Observational) Evidence obtained from well-done population-based prevalence or incidence studies.

Level II: (Interventional) Evidence obtained from well-done, non-randomized comparative trials or well-done systematic literature reviews summarizing primarily level II publications. (Observational) Evidence obtained from high quality case-control and cohort studies.

Level III: (Interventional or Observational) Evidence obtained from non-comparative case series, case reports, and expert or consensus opinion.

- o The overall level of evidence rating cannot exceed that of the individual studies reviewed. All literature assessed is assumed to be peer reviewed.

Glossary Case-control study

An observational (non-interventional, usually retrospective) study that begins by identifying individuals with a disease (cases) for comparison to individuals without a disease (controls or reference group), in which analysis proceeds from effect to cause.

Case report

Usually a retrospective report of a single interventional or observational case experience, often with clinical-pathological correlation.

Case series

Case series include those studies describing more than one consecutive or non-consecutive cases, studied retrospectively or prospectively, usually with regard to the outcome of an intervention for its efficacy, safety, and complications. Non-comparative case series generally have no control group included, but the outcome may be compared to that in the literature.

Cohort study

An observational study that begins by identifying individuals with (study group) and without (control group) a factor being investigated to observe over time with regard to disease outcome; study and control groups may be concurrent or non-concurrent, but must be derived from the same well defined cohort; almost always prospective with regard to data collection. Almost always longitudinal in that a particular group of patients is followed forward from a point in time. May or may not be population-based.

Comparative study

A study including two or more defined groups, compared to each other, to make a judgment about the influence of some factor or treatment.

Cross-sectional study

An observational study that identifies individuals with and without the condition or exposure being studied at the same time (synonymous with prevalence study). May or may not be population-based.

Interventional study

A study that includes an attempt to alter the course of disease by medical or surgical or other therapy.

Observational study

A study without intervention or attempt to alter the natural course of disease or physical condition.

Audio Visual Support Speaker Ready Room

The Speaker Ready Room will be open on the following days and hours:

Wednesday July 18: 8.00 a.m.–6.00 p.m.

Thursday July 19: 7.00 a.m.–6.00 p.m.

Friday July 20: 7.00 a.m.–6.00 p.m.

Saturday July 21: 8.00 a.m.–4.00 p.m.

Equipment to enable a final check to be made for your presentation is available in the Speaker Ready Room.

Power Point presentations: we strongly advise you to bring your presentation to the Speaker Ready Room AT LEAST 3 HOURS BEFORE the start of your lecture. Please note that there are no facilities to use laptops in the session rooms.

Travel Grants

The AIGS has granted close to 40 travel grants, which include waiving of the registration fee, to glaucoma clinician scientists under forty years of age who have demonstrated a special interest in glaucoma.

Continuing Medical Education Meeting Evaluation

It is essential for assessing the quality of the WGC that participants take time to complete the evaluation forms. Every participant can have an impact on the planning for the next WGC. The AIGS has purposely created this elaborate evaluation system in order to provide the participants with an even better congress in two years. Your input is highly appreciated.

Relationship with Glaucoma Industry Members

The AIGS has deliberately chosen for a close contact with Glaucoma Industries. It is realized that Glaucoma Industry is an important force in the world of glaucoma, both in research as well as in education. The AIGS aims to improve science and care of glaucoma in cooperation with its Glaucoma Industry Members. In joint committees the AIGS has established rules for the relationship with industry:

- o AIGS Code of Practice
- o AIGS Guidelines on Reporting and Publishing
- o AIGS Guidelines of Quality and Quantity of Glaucoma Meetings

These guidelines follow the trend in specialist-industry relationship as expressed in the scientific literature, while focussing on the special aspects related to the AIGS organization.

Industry Involvement

Excerpt from Global AIGS Guidelines on Quality and Quantity of Glaucoma Meetings:

1. The AIGS encourages appropriate interactions between glaucoma specialists and glaucoma industry.

It encourages partnership with glaucoma industry in conducting meetings of the highest scientific quality while fostering quality professional relationships.

2. All presentations on new industry scientific findings should be within the official scientific program of the meeting and as such reviewed by the scientific program committee.

3. Proposals for lectures or a group of lectures made by industry will be treated as any other proposal to the scientific program committee. Such proposals should

be purely scientific and balanced, *i.e.*, not promotional. The opportunity to propose topic and speaker does not imply a right to have them on the program. There will be competition with other proposals for the program. They will not be called industry sponsored symposia.

4. It was also agreed that industry opportunities for scientific presentations would be either within the official scientific program and under the full responsibility of the scientific program committee as mentioned above, or outside the scientific program and under the responsibility of industry. Other options are not recommended. It is the duty of the (co-)chair(s) of Industry Sponsored Symposia to ensure that material presented by speakers, panellists or discussants is either evidence based or has consensus and that regional differences are recognized (statements regarding care in country A may have limited validity for country B). One co-chair of the Symposium will be appointed by the Program Committee (as for all other sessions) in concert with the

sponsor. The chairs of all sessions represent the best thinking of the AIGS. The audience may place a higher value on presentations scientifically scrutinized than presentations with a commercially sponsored flavor. Even when so-called sponsored symposia are organized under industry responsibility, such symposia should still have a high quality level, as neither the Program Committee nor the individual sponsor will benefit from mediocre, clearly promotional symposia. Regarding sponsored symposia, parties agreed that competing events should be avoided for the major symposia. For organizational reasons industry sponsored symposia may be scheduled in concert with the Program Committee.

5. Appropriate scientific agenda scheduling will be part of the task of the program committee.

6. A checklist for essential requirements for abstracts will be used (see addendum).

7. Rejection of abstracts will be based on the list of 'Reasons for Rejection'. (See addendum.)

WGC Committees

Organizing Committee

I. Goldberg (AU, chair), R. Hitchings (UK, co-chair), Y. Kitazawa (JP, co-chair), R. Susanna Jr (BR, co-chair), R.N. Weinreb (US, co-chair), P. Chew (SG), J. Ge (CN), E. Greve (NL), C. Greve-Geijssen (NL), F. Grehn (DE), T. Krupin (US), D. Lam (HK), E. Maul (CL), J-P. Nordman (FR), H. Quigley (US), GC. Sekhar (ID), G. Skuta (US), G. Spaeth (US), L. Vijaya (ID)

Local Organizing Committee

P. Chew (chair), F. Oen (co-chair), L. B. Ang, T. Aung, E. Jap, H.C. Lin, G. Min, S. Seah, J. See, L. Thean, H.S. Tien, W.H. Tym, V. Yong

Program Committee

R. Hitchings (UK, co-chair), R.N. Weinreb (US, co-chair), M. Araie (JP), T. Aung (SG), J. Cioffi (US), D. Friedman (US), E. Greve (NL), I. Goldberg (AU), P. Healey (AU), A. Heijl (SE), P. Khaw (UK), P. Kaufman (US), L. Levin (US), J. Liebmann (US), K. Martin (UK), H. Quigley (US), P. Sample (US), T. Shaarawy (CH), R. Sihota (ID), R. Thomas (ID), C. Traverso (IT), N. Wang (CN)

Courses Committee

P. Chew (SG, co-chair), C. Leung (CN, co-chair), C. Migdal (UK, co-chair), K. Singh (US, co-chair), L. Vijaya (ID, co-chair), T. Yamamoto (JP, co-chair), M. Aihara (JP),

S. Best (NZ), J. Brandt (US), A. Boehm (DE), P. Foster (UK), R. George (ID), S. Graham (AU), S. Miglior (IT), A. Molteno (NZ), R. Parikj (ID), J. Schuman (US), R. Stamper (US), A. Viswanathan (UK)

Poster Committee

S. Chakrabarthi (ID, co-chair), A. Coleman (US, co-chair), S. Gandolfi (IT, co-chair), D. Grigera (AR, co-chair), K. Kashiwagi (JP, co-chair), F. Medeiros (US, co-chair), D. Budenz (US), C. Greve-Geijssen (NL), M. He (CN), E. Hoffman (DE), M. Honjo (JP), A. Konstas (GR), S. Mansberger (US), D. Minckler (US), H. Mishima (JP), M. Nicolela (CA), A. Sit (US), F. Topouzis (GR), T. Wells (NZ), L. Zangwill (US)

Surgery Committee

K. Barton (UK, co-chair), F. Grehn (DE, co-chair), P. RojanaPongpun (TH, co-chair), GC. Sekhar (ID), T. Shaarawy (CH, co-chair), M. Sherwood (US, co-chair), N. Wang (CN, co-chair) I. Ahmed (CA, co-chair Video), J. Crowston (AU, co-chair Video), R. Fechtner (US, co-chair Video), Y. Kuwayama (JP, co-chair Video), N. Pfeiffer (DE, co-chair Video), S. Seah (SG, co-chair Video), R. Carassa (IT), V. Costa (BR), SK. Fang (MY) , D. Grigera (AR), F. Lerner (AR), C. Melamed (IL), P. Palmberg (US), R. Parrish (US), R. Ritch (US), R. Wilson (US)

Consensus & Guidelines Committees

M. Araie (JP, co-chair), R.N. Weinreb (US, co-chair), T. Aung (SG, co-chair ACG), B. Chauhan (CA, co-chair S&F), J. Crowston (AU, co-chair Surgery), H. Danesh Meyer (NZ), P. Foster (UK, co-chair ACG), D. Friedman (US, co-chair ACG), D. Garway Heath (UK, co-chair S&F), F. Lerner (AR, co-chair Surgery), J. Liebmann (US, co-chair Surgery & GL), F. Medeiros (US, co-chair S&F), P. Sample (US, co-chair S&F), T. Shaarawy (CH, co-chair Surgery), C. Traverso (IT, co-chair GL), L. Zangwill (US, co-chair S&F), M. Agulto (PH), R. Casson (AU), C. Girkin (US), H. Lemij (NL), K. Martin (UK), W. Nolan (UK), K H. Park (KR), N. Pfeiffer (DE), R. Abdul Rahman (PH), M. Sherwood (US), C. Tham (HK)

Glaucoma Society Committee

A. Azuara Blanco (UK), G. d'Mellow (AU), Y. Kitazawa (JP), T. Krupin (US), C. Leung (CN), C. Migdal (UK), P. Roux (ZA), GC. Sekhar (ID), G. Skuta (US), R. Thomas (ID), J. Thygesen (DK), N. Wang (CN), T. Wells (NZ), Rick Wilson (US), T. Yamamoto (JP)

Glaucoma Patient Organization Committee

S. Christensen (US, co-chair), I. Goldberg (AU, co-chair), G. Lambrou (GR, co-chair), B. Lindsell (AU, co-chair), R. Ritch (US, co-chair) P. Chew (SG), D. Gatton (IL), N. Gupta (CN), Y. Kitazawa (JP), M. Miller (UK), R. Susanna Jr (BR), J. Thygesen (DK)



SOCIAL PROGRAM

The Social Program has been the subject of extensive deliberation. On the one hand it is vital to bring participants together outside the scientific sessions, to show participants the greatness of Singapore culture, to create an amiable ambiance for networking and to create an unforgettable extra-scientific, memory of the WGC in Singapore. On the other hand the AIGS desires to spend the vast majority of its funds and devote most of its time and energy on scientific and educational matters. A deliberate choice was made for a Welcome Reception and a President's Dinner, one free evening and one Tropical Gala Evening.

1. Wednesday evening (July 18, 5.15 – 7.15 p.m.) Welcome Reception in the Convention Centre

The Welcome Reception will be held in the exhibition area of Suntec Convention Centre. This gathering will enable you to meet with your colleagues in the field of Glaucoma from all over the world, while you can enjoy some typical Asian food and drinks, music and calligraphy.

(Included in Registration fee for participants and accompanying persons).

Clinician Scientist Reception (6.30 – 7.15 p.m.)
(By invitation only)

2. Thursday evening (July 19): Free for National Social Gatherings

After the poster walk-through, which will end at 6.45 p.m., the AIGS has purposely not planned any specific World Glaucoma Congress events. Therefore this evening is for smaller groups of participants to enjoy the numerous restaurants and cultural events in Singapore.

President's Dinner (7.30 – 10.00 p.m.).
(By invitation only)

3. Friday evening (July 20, 7.00 – 11.00 p.m.): Tropical Gala Evening in Asian Civilization Museum

The Tropical Gala Evening of the World Glaucoma Congress will be held at the Asian Civilization Museum. This museum has made its mark as a cultural institution, tourist attraction and a unique and beautiful venue for all kinds of special occasions. The River Room with its terrace offers a breathtaking view of the Singapore River, as does the Boat Quay. This space adjoining the River Room allows guests the option and eases of movement between air conditioned and open air spaces. Also a view of Cavanagh Bridge should not be missed. This bridge is named after one of the colonial governors of Singapore. It is one of the first steel bridges in Singapore. It spans the Singapore river and was designed to carry horse carriage traffic across. This evening will bring you many types of music, a variety of attractions from fusion dance to Thai dance and the possibility to practice your voice with karaoke in a tropical atmosphere. Should you wish to sit back and relax you can make a cruise across the river with the river taxi. All this will be accompanied with a wide range of food in different styles.

Admission will be only € 25 per person

4. Saturday afternoon (July 21, 4.30 – 6.30 p.m.): Farewell Afternoon High Tea in Labrador Park

The Farewell High Tea will be held in Labrador Park, where you will enjoy a high afternoon tea party. Labrador Park holds

a huge part of Singapore's history during WWII as the Fort that the British used as a defence site.

The restaurant is located amongst lush forest, with a 3rd floor open space area with an excellent view of the sea. The poolside is surrounded with greenery and makes a perfect venue for a homely 'family gathering' afternoon tea party, as if it is in the backyard of your house. The latter will be the case when you join us at this farewell party where you will observe a fantastic bird show while sipping from your tea.

(Included in Registration fee for participants and accompanying persons).

Accompanying Persons Program

Thursday morning (July 19, 9.00 a.m. – 12.30 p.m.): Singapore City Tour

An Orientation tour of our city begins with a drive through the 'Colonial Heart' for a view of the Padang, Cricket Club, Parliament House, Supreme Court and City Hall. Then en route to Thian Hock Keng Temple, one of the oldest temples in Singapore. The coach will pass Chinatown before stopping at Mount Faber for a panoramic view of the harbor and on to a local handicraft centre. The tour then continues to the National Orchid Garden, located within the beautiful Botanic Gardens. Our final stop at Little India will entrance you with the scent of joss sticks, jasmine and spices.

Friday morning (July 20, 9.00 a.m. – 5.00 p.m.): At 'Sun-Rice' Culinary Experience and Peranakan Trail

At 'Sun-Rice' Culinary Experience

Enjoy a morning stroll through the tranquil garden, learning from one of our guides

about the intricacies of spice and herb use in Asian cooking. Identify different species of plants, observe where seeds grow and learn how to look for the best leaf. Inhale the aromas, crush the leaves between your fingers and roll the seeds in the palm of your hands. Once you have identified all the necessary ingredients, head back to the academy to observe the pounding, grinding, stirring, slicing and stir-frying that will produce a fabulous and versatile spice paste. Follow this insightful and enjoyable experience, savouring not only the flavours and aromas encircling you, but also the beautiful park expanse spread before your eyes.

Continue into the bright and comfortable classroom to watch a seasoned chef prepare several fabulous dishes, all of which you will get a chance to taste afterwards. Observe the tricks and secrets of Asian cooking up close. This is a delightful and savoury experience for anyone with an inquisitive mind and appreciative stomach! After taking this course, you will not only impress your friends and family with your heightened culinary prowess, you will also have wonderful anecdotes and special spice secrets to bestow. You will go home wiser, more skilled and absolutely satiated! Using fresh herbs and spices, you will learn tips and tricks from a seasoned master and pick up new skills, new recipes and new friends from this enjoyable session. Conclude it with a wonderful meal that you have helped prepare. Mmmmm!

Peranakan Trail

Join us on a colourful journey into the history, lifestyle and unique character of the Peranakan people...

We will walk through a Spice Garden - the original site of the first Botanic Gardens. Then a visit to the Asian Civilisations

Museum at Armenian Street, which boasts one of the finest collection of Peranakan exhibits in South East Asia. You will get a glimpse into the fascinating culture of 'Nonya & Baba' through an exhibition of their finest clothes and jewellery, furniture, craftwork, customs and festivals. Next, off to Katong and Joo Chiat, bustling enclaves well known for their rich cultural mix, with residents from various communities such as the Peranakans, Eurasians, Malays and Indians adding to the cultural fabric of the area. See rows of colourful traditional Peranakan shophouses dating back to 1920s and 1930s amidst an area that draws people from around the island for delicious local food. Stop for a Peranakan beading demonstration followed by tea and sampling of some Nonya delicacies.

Individual tours can be booked at the Excursion desk in the Registration Area.

Singapore

One of the world's major oil refining and distribution centres, Singapore is a major supplier of electronic components and a leader in shipbuilding and repairing. It has also become one of the most important financial centres of Asia, with more than 130 banks. Business dealings are facilitated by Singapore's superb communications network which links the nation to the rest of the world via satellite, 24-hour telegraph and telephone systems.

Population

Unity in diversity is the philosophy of this cosmopolitan city. Although geography has played a part in the success of Singapore, its mainstay is its people. Lacking natural

resources, Singapore's strength is its hard-working, adaptable and resilient population. Singapore's population of almost four million comprises 77% Chinese, 14% Malays, 8% Indians and 1% Eurasians and people of other descent.

Climate

The island is warm and humid all year round, with only slight variations between the average maximum of 31 degrees Celcius and minimum of 23 degrees Celcius. This makes it ideal for those who enjoy sunbathing, swimming, sailing and other water sports. But for those who do not enjoy the tropical climate, Singapore is sheltered from the worst effects of the sun with air-conditioning in almost all of its shops, hotels, office buildings and restaurants. Rain falls throughout the year, with more consistent rain coming during the monsoon season from November to January. Showers are usually sudden and heavy, but also brief and refreshing.

Language

There are four official languages in Singapore: Malay, Mandarin, Tamil and English. English is the language of business and administration, and is widely spoken and understood. Most Singaporeans are bilingual, and speak their mother tongue as well as English. Malay is the national language.

Singapore's strategic location, excellent facilities, fascinating cultural contrasts and tourist attractions contribute to its success as a leading destination for both business and pleasure. For a more detailed understanding of Singapore visit: www.visitsingapore.com



TECHNICAL EXHIBITION

An extensive exhibition of pharmaceutical, technical and research products, equipment, books, journals, services, etc. is organized in conjunction with the World Glaucoma Congress. The scientific program will allow participants ample time to visit the exhibits.

Opening hours

The exhibition area, located on the Concourse level 3, will be open at the following hours:

Wednesday, July 18, 1.00 p.m. – 7.00 p.m.

Thursday, July 19, 9.00 a.m. – 6.15 p.m.

Friday, July 20, 9.00 a.m. – 5.30 p.m.

Saturday, July 21, 9.30 a.m. – 2.00 p.m.

My words are easy to understand
and easy to perform,
Yet no man under heaven knows
them or practices them.

My words have ancient beginnings.
My actions are disciplined.
Because men do not understand,
they have no knowledge of me.

Those that know are few;
Those that abuse me are honored.
Therefore the sage wears rough
clothing and holds the jewel in his
heart.

The Tao

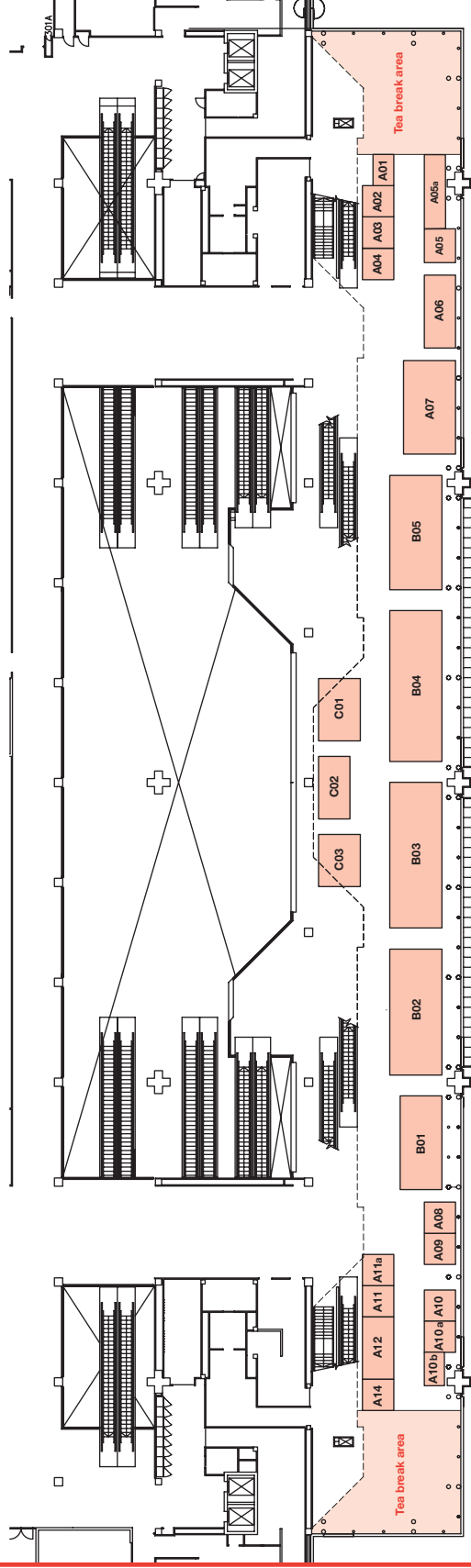
List of exhibitors (in alphabetical order)

Company name	Booth number
AIGS/IGR	A05a
Alcon Laboratories, Inc.	B05
Allergan, Inc.	B02
Carl Zeiss Meditech, Inc.	A07
Clarity Medical Systems, Inc.	A08
Ellex	A04
Haag-Streit	C02
Heidelberg Engineering GmbH	C01
Iridex	A05
Jaypee Brothers Medical Publishers (P) Ltd.	A01
Lumenis Inc.	C03
MSD	B04
Nidek Co Ltd.	A09
Oculus Optikgeräte GmbH	A14
Oculusgen Biomedical Inc.	A03
Ophthalmology Times Europe	A10
Optonol Ltd.	A12
Optovue, Inc.	A02
Otsuka Pharmaceutical Co., Ltd.	A06
Pfizer Inc.	B03
Santen Pharmaceutical Co., Ltd.	B01
Solx	A11
Topcon South Asia PTE Ltd.	A10a
World of Ophthalmology Congress 2008	A10b
Ziemer Group AG	A11a



WORLD GLAUCOMA CONGRESS 2007

18 - 22 JULY 2007
CONCOURSE LEVEL 3, SUNTEC



Exhibitors

A01	Jaypee Brothers Medical Publishers (P) Ltd.	A11a	Ziemer Group
A02	Optovue, Inc.	A12	Optonol Ltd.
A03	Oculusgen Biomedical Inc.	A14	Oculus Optikgeräte GmbH
A04	Ellex		
A05	Iridex	B01	Santen Pharmaceutical Co., Ltd.
A05a	AlGS/IGR	B02	Allergan Inc
A06	Otsuka	B03	Pfizer Inc.
A07	Carl Zeiss Meditec Inc.	B04	MSD
A08	Clarity Medical Systems Inc.	B05	Alcon Laboratories Inc
A09	Nidek Co. Ltd		
A10	Ophthalmology Times Europe	C01	Heidelberg Engineering GmbH
A10a	Topcon South Asia Pte LTD	C02	Haag-Strait
A10b	World Ophthalmology Congress 2008	C03	Lumenis
A11	Solx		

Company profiles (in alphabetical order)

B05 Alcon Laboratories, Inc.

Alcon, Inc. develops, manufactures and markets surgical, pharmaceutical, and consumer vision care products. In the eye care industry, we have the broadest product portfolio and possess a leading market share in most product categories. With operations in 75 countries and products sold in more than 180 countries, Alcon is the largest specialized eye care company worldwide. Alcon continually works towards a day when preventable blindness and other treatable eye conditions are no longer a threat to the global community.

B02 Allergan, Inc.

Allergan, Inc., with headquarters in Irvine, California, is a technology-driven, global health care company with a portfolio representing a unique blend of specialty businesses comprised of pharmaceutical and medical device products and offerings. Allergan develops and commercializes products in ophthalmology, neurosciences, medical dermatology, medical aesthetics, and other specialty markets that deliver value to its customers, satisfy unmet medical needs, and improve patients' lives.

Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612, USA.

Tel: + 1 714-246-4500; Fax: +1 714-246-4971; Website: <http://www.allergan.com>

A07 Carl Zeiss Meditec, Inc.

Carl Zeiss Meditec, Inc. offers the most comprehensive suite of glaucoma solutions in the industry. Built upon the proven need to understand glaucoma's effect on both the structure and function of the retina, we provide a uniquely comprehensive and highly precise approach to early diagnosis and comprehensive disease management. Together, these solutions deliver outcomes you can trust, and so can your patients.

We will preview *Guided Progression Analysis* ('GPA') tools – a family of application products that are designed to help the doctor better evaluate the progression of glaucoma. Specific GPA products have been developed for Humphrey® Field Analyzer (HFA II-i), GDx™ Scanning Laser Polarimeter, and Stratus OCT™. We will also present analyses of these instruments: GDx: Long-standing performance focused on simple, fast, and accurate glaucoma detection and progression assessment. Stratus OCT: The gold standard in retinal imaging with an unsurpassed combination of versatility, performance, and clinical validation. Cirrus™ HD-OCT: Spectral domain technology used to capture exquisite volumetric (3D) and high-definition line scans of the retina for precise detail of retinal tissue and pathology. Visante® OCT: The first system to provide clear, highly detailed anterior segment images – including the angle – without the need for ocular anesthesia or a messy, time-consuming water bath. IOL Lenses: A product line of hydrophilic lenses featuring a unique biomaterial with excellent refractive stability. Carl Zeiss Meditec: Synonymous with quality, precision and innovation for 150 years.

A08 Clarity Medical Systems, Inc.

Clarity Medical Systems is a privately held medical technology company that develops, manufactures and markets integrated optical systems and services to enhance the clinician's ability to diagnose, evaluate and treat eye disorders. The company's patented devices combine innovative optical, electronic and information technologies that change the very nature of how eye healthcare is delivered. Clarity's flagship product is the RetCam II Digital Imaging system, which has revolutionized the standard of ophthalmologic evaluation in infants and children.

Clarity Medical Systems, Inc., 5775 West Las Positas Blvd., Pleasanton, CA 94588-4084, USA. Website: <http://www.claritymsi.com>

A04 Ellex

Ellex engineered its first high-performance ophthalmic laser in 1985, and today is the only laser manufacturer focused solely on the ophthalmic market. Ellex manufactures a complete line of solid-state laser systems for treating glaucoma, retina and cataract patients. In all, more than 12,000 Ellex manufactured lasers are in use worldwide. In 2006, the Ellex product offering expanded to include the Eye Cubed™, the premier ophthalmic ultrasound.

Visit Ellex at booth A04 at the WGC to learn more about SLT Photoregeneration from Ellex. Gentle and non-invasive, SLT is a proven primary or adjunct treatment for managing intraocular pressure (IOP). This repeatable treatment promotes cellular regeneration without the burn and scar tissue associated with other laser procedures.

Ellex offers two SLT laser systems, the Tango™ and Solo™, and is focused on helping you integrate SLT into your practice through the Ellex Value-Added SLT Program.

Ellex, 82 Gilbert Street, Adelaide, SA, 5000 Australia.

Tel: +61 8 8104 5200; Website: <http://www.ellex.com>; E-mail: info@ellex.com

C02 Haag Streit

Haag-Streit provides a range of devices for diagnosis and treatment of glaucoma. Naturally our worldrenowned slit lamp range was designed very much with glaucoma diagnosis in mind. The Goldmann applanation tonometer set the standard for accurate reproducible measurement of intraocular pressure as one of the key parameters in Glaucoma diagnosis and treatment assessment. Central corneal thickness (CCT) is an increasingly important parameter, for glaucoma diagnosis as well as for refractive surgery, and our OLCR-Pachymeter allows fast, non-contact measurement of the CCT in unmatched precision. The OCTOPUS perimeter family, now also featuring true Goldmann kinetic perimetry, offers you the ultimate tool for early diagnosis and tracking of visual field loss. Practically all significant innovations in the field of perimetry have been pioneered by Haag-Streit in the form of new models of the OCTOPUS perimeters with improved performance, or as add-ons or up-dates to existing equipment. Supplementary to this we have a full range of contact glasses for diagnosis and laser treatment. Haag-Streit: your partner for glaucoma diagnosis.

Contact Information: HAAG-STREIT AG, Gartenstadtstrasse 10, CH-3098 Koeniz, Switzerland.

Tel.: +41 31 978 01 11; Fax: +41 31 978 02 82; E-mail: info@haag-streit.ch

Website: <http://www.haag-streit.com>

C01 Heidelberg Engineering GmbH

Heidelberg Engineering is one of the most innovative diagnostic imaging companies in the world. New technologies for glaucoma, retina and cornea assessment have changed the way ophthalmology is practised. At the WCG we will show the latest generation HRT3 for structural glaucomatous diagnosis and progression and some new ideas to correlate structure and function data. The SL-OCT for objective non-contact OCT imaging of the anterior chamber especially useful for angle closure assessment in glaucoma. And brand new: the Spectralis HRA-OCT – the first instrument to combine laser scanning angiography with simultaneous spectral domain OCT. The 3-D OCT application may be useful for a more accurate measurement of the RNFL and ONH in glaucoma. With Heidelberg technologies you always have a clinical edge! We are also running educational breakfast meetings during the congress. Please see the program for details.

Heidelberg Engineering GmbH, Tiergartenstrasse 15, 69121 Heidelberg, Germany.

Tel: +49 6221 64630; Website: <http://www.heidelbergengineering.com>

A05 Iridex

IRIDEX Corporation is a leading worldwide provider of therapeutic based laser systems, disposable laser probes and delivery devices to treat eye diseases in ophthalmology and skin disorders in the aesthetics market. The company has the largest global installed base of solid-state lasers and focuses on developing laser products that are clinically effective, reliable, portable, versatile, and affordable.

Iridex, 1212 Terra Bella Ave, Mountain View Ca 94043, USA

Website: <http://www.Iridex.Com>

A01 Jaypee Brothers Medical Publishers (P) Ltd

Jaypee Brothers is one of the larger ophthalmology books publisher in the world. So far they had published about 170 titles exclusively in ophthalmology. They are a very high quality books publisher and the prices are within the reach of the doctors and that is the secret of the popularity of Jaypee ophthalmology books in the world.

Jaypee Brothers Medical Publishers (P) Ltd, B-3 EMCA House, 23/23B Ansari Road, Daryaganj New Delhi, 110 002 India.

Tel: 91-11-23272143

C03 Lumenis

Lumenis® is the world leader in laser and light-based technologies for medical and aesthetic applications. The Company offers the widest range of products, an unparalleled product support system and the largest investment for research and development in its

industry. Lumenis has more than 75,000 medical systems installed in doctors' offices, clinics and operating rooms in more than 75 countries around the globe. In addition, the company now holds 250 unique patents worldwide, with dozens more pending. Lumenis offers the industry's most extensive and highly regarded line of ophthalmic lasers to preserve and improve vision.

Since introducing the first laser photocoagulator to ophthalmology in 1970, Lumenis (formerly Coherent Medical) has focused on providing ophthalmologists innovative laser therapies to preserve and improve the sight of patients worldwide. Our laser systems, including the highly regarded SLT product line, Novus® Varia™ and recently added Novus® 3000 and Selecta® family of lasers, treat sight-threatening diseases such as diabetic retinopathy, glaucoma, age-related macular degeneration (AMD), and secondary cataracts.

Lumenis pioneered and developed the revolutionary Selective Laser Trabeculoplasty (SLT) technology based on the work of Mark Latina, MD.

Lumenis offers the most complete line of ophthalmic laser solutions in the industry used from the office, clinic and surgery center to the O.R.

Lumenis Holdings (Holland) BV, Regus Gebouw, Herengracht 574, 1017CJ Amsterdam, The Netherlands.

Website: <http://www.opthalmic.lumenis.com>

Contact Person: Mr. Kfir Azoulay, Marketing Manager, Ophthalmology,

Tel: +31.6.51840793.

Email: kazoulay@lumenis.com

B04 MSD

MSD is a global research-driven pharmaceutical company dedicated to putting patients first. Established in 1891, MSD discovers, develops, manufactures, and markets medicines and vaccines in more than twenty therapeutic categories. The mission of MSD is to provide society with innovative products and services that improve the quality of life. Two such products are TRUSOPT™, which was the first in a new class of topical glaucoma therapy since beta-blockers, and COSOPT™, which has attained more than sixty million patient-months of therapy worldwide.

The company also devotes extensive efforts to increase access to medicines through far-reaching programs that not only donate MSD medicines but help deliver them to the people who need them. For example, since 1987 the MECTIZAN™ Donation Program to combat river blindness has been the largest, ongoing, medical donation program in history, donating more than one billion tablets, providing hope for the elimination of onchocerciasis by the end of the decade.

For over forty-five years, MSD has been committed to eye health research. This commitment will continue into the future with a focus on glaucoma and back of the eye diseases.

MSD, One Merck Drive, P.O. Box 100, Whitehouse Station, NJ 08889-0100, USA.

Tel: +1 908 423 1000 ; Fax: +1 908 735 1122; Website: <http://www.mercksharpdohme.com>

A09 Nidek Co Ltd

Nidek Shines With Dreams.

On August 8th, 1971, seven specialists in optics stood up to make their dreams come true: Invisible to Visible; Visible to Recognition; Superior Equipment for the Eye. Three dreams that created Nidek. Today, with its advanced technology, Nidek has become the leading company in the field of ophthalmic equipment, extending its business domain in 'Eye & Health Care'.

Nidek, full of dreams, strives to create a brighter tomorrow for all people around the world *New Treatment Technology*

NIDEK Co Ltd, 3F Sumitomo Fudosan Hongo Bldg., 3-22-5 Hongo, Bunkyo-ku, Tokyo 113-0033, JAPAN

Tel: +81-3-5844-2641; Fax: +81-3-5844-2641; Website: <http://www.nidek.co.jp>

A14 Oculus Optikgeräte GmbH

Oculus was founded in Berlin in 1895. In 1947, the family-owned company moved to Wetzlar (60 kms north of Frankfurt), one of the centers of the optical and fine-mechanical industry in Germany. Today, approximately 200 persons are working in R&D, production, distribution and service of diagnostic instruments for ophthalmologists.

Within the last few years the company has introduced innovative products:

PENTACAM: Rotating Scheimpflug camera, offering also densitometry, anterior chamber analysis, corneal topography, pachymetry. Comprehensive diagnostic tool for Glaucoma screening, corneal surgery and lens implantation. PACHYCAM: Non-contact slit-lamp mounted Pachymeter with integrated keratometer. Both instruments come with a selection of IOP-conversion formulas. TWINFIELD: Automatic static and kinetic full-field perimetry acc. to Goldmann. The unique projection-system allows also manual kinetic perimetry, color-perimetry and a stimulus absolutely equal in shape and brightness. CENTERFIELD: This compact central-field screener uses the technology of the Twinfield and comes with color and kinetic perimetry and with fixation-shift for a 70°-field. CLIP: This exciting fast threshold strategy combines speed and reproducible precision as it actually crosses the threshold in every location of the grid. Available for Twinfield and Centerfield. EASYFIELD: This screener-sized 30-degree perimeter, is designed for quick perimetry. Screening and threshold strategies and 30-2 grid allow full perimeter-compatibility. The hand-control unit includes printer, storage capability for 40,000 examinations and PC-interface. All these instruments are fully network-compatible, making digital filing and communication easy.

Oculus Optikgeräte GmbH, Dutenhofen, Münchholzhäuser Strasse 29, D-35549 Wetzlar, Germany.

Contact: Harald Schick, Tel: +49-641-2005-0; Tel: +49-641-2005-295; E-mail: export@oculus.de Website: <http://www.oculus.de>

A03 OculusGen Biomedical Inc

A Novel Bio-Tech Live Care Company in Progressing lifelong Welfare and Interests of People. OculusGen Biomedical Inc. is proud to introduce OculusGen™, Biodegradable & Implantable Collagen Matrix, for glaucoma & selected ophthalmic surgeries. It has been investigated since the year 2000 and it is a CE marked class III medical device. The production and product design strictly complies with ISO9001/13485 (GMP), 93/42 EEC directive regulations. Acquisition of CE Mark in July 2006 and IDE for the FDA is now in process. In addition to ophthalmology products, OculusGen Biomedical Inc. is now performing advanced research and newly developed products from some of the world's leading laboratories. Expanding our products line through own research mergers and acquisitions and building up a multiple health care group is our long term target and destination.

OculusGen Biomedical Inc., 17F-C, No. 248, Sec. 3, Nanjing E. Rd., Songshan Dis., Taipei 10595, Taiwan.

Tel: +886.2.2771.7098; Email: info@oculusgen.com; Website: <http://www.OculusGen.com>

A10 Ophthalmology Times Europe

Ophthalmology Times Europe (OTE) is a monthly, comprehensive publication covering all of the latest developments within the ophthalmic industry. With a broad focus on cataract, corneal and refractive surgery, glaucoma and vitreoretinal conditions, *OTE* reports on all major news, events, surgical and clinical developments and industry trends in Europe. *OTE's* Editorial Advisory Board of key European opinion leaders ensures coverage and expert opinion on all latest research findings and issues affecting the industry. Encouraging communication amongst European ophthalmologists, *OTE* provides a forum for exchange of clinical insights, developments and research. The publication also provides ophthalmologists with in-depth features and analysis on emerging developments within the European ophthalmology community.

Ophthalmology Times Europe, Park West, Sealand Road, Chester, CH1 4RN, United Kingdom.

Website: <http://www.oteurope.com>

A12 Optonol Ltd

Optonol Ltd. develops, manufactures and commercializes miniature surgical implants. Its first product in this area is the Ex-PRESS™ a unique microscopic implant that redefines the surgical treatment for patients with medically uncontrolled glaucoma. Optonol's ability to manufacture such precision devices has opened a variety of new applications addressing other diseases where specific designed micro-implants are the optimal solution

Optonol Ltd, P.O. Box 2367, Kansas City, KS 66110, USA.

Tel: 866 496 5230; Fax: 816 241 8347; Website: <http://www.optonol.com>

A02 Optovue Inc.

Optovue is the leading provider of the latest technology for tomographic imaging of the eye. Incorporated in December 2003 and located in Fremont California, USA, Optovue, Inc. was founded by the developers of all the original ophthalmic optical coherence tomography (OCT) devices. The founders of Optovue are highly experienced in this technology, as they are responsible for developing the first OCT systems for eye care (four models in all) marketed by their former company. Receiving FDA 510K Clearance in October of 2006, the groundbreaking device RTVue-100 made its debut at the American Academy of Ophthalmology in Las Vegas, 2006. In the first six months since launch, more than 160 systems have sold, with the units per month accelerating as the international launch answers an intense demand for advanced OCT technology around the world. Optovue has additional products in its development pipeline that take advantage of new patent filings, as well as devices that build on the technology behind the RTVue system. These are scheduled for timed release over the next four years, and give Optovue a broader product portfolio in which to advance further in to the eyecare market segments. www.optovue.com

Optovue Inc., 41752 Christy St, Fremont, CA 94538 USA.

Website: <http://www.optovue.com>

A06 Otsuka Pharmaceutical Co., Ltd.

Founded in 1964, Otsuka Pharmaceutical Co., Ltd. contributes to the better health of people all over the world with a corporate philosophy of 'Otsuka – people creating new products for better health worldwide'. Based on the two main pillars of pharmaceuticals that help treat illness and consumer products that contribute to day-to-day wellness, we are engaged in the research and development, manufacture, and sales of innovative, creative products that can make a difference in people's health and well-being worldwide. Cultivating an ethical perspective and active culture as befitting a company involved in the betterment of human life, we aim for symbiotic relationships with local communities and coexistence with the natural environment, with the goal of creating values on a global scale. From our initial focus on intravenous solutions business, Otsuka has grown to be a leader in nutrition management in healthcare settings. In 1971, we initiated development of our own new drugs, consolidating our position as an international pharmaceuticals manufacturer as we actively expanded into overseas markets. We are currently focusing on the central nervous system, the vascular and circulatory system, the digestive and respiratory systems, ophthalmology and dermatology. In development of consumer products based on the Nutraceuticals (Nutrition + Pharmaceuticals) concept, we have launched numerous products that have created novel market categories. In our persistent pursuit of a globally viable business model, our operations support people's lifestyles across a broad range of areas, from treating illness to promoting day-to-day health and wellness.

Otsuka Pharmaceutical Co., Ltd., 2-9 Kanda Tsukasa-machi, Chijoda-ku, Tokyo 101-8353, Japan.

B03 Pfizer Inc.

Pfizer Inc. is dedicated to better health and greater access to healthcare for people and their valued animals. Our purpose is helping people live longer, healthier, happier lives. Our route to that purpose is through discovering and developing breakthrough medicines; providing information on prevention, wellness, and treatment; consistent high-quality manufacturing of medicines, and global leadership in corporate responsibility. Every day we help 38 million patients, utilize the skills of more than 12,000 medical researchers, and work in partnership with governments, individuals, and other payers for healthcare to treat and prevent illnesses – adding both years to life, and life to years. Please visit our Glaucoma exhibit at booth # B03.

Pfizer Inc., 235 East 42nd Street, New York, NY 10017-5755, USA.

Tel: +1 212 733-3174; Fax: +1 212 309-4332; E-mail: Valerie.d.anderson@pfizer.com;

Website: <http://www.xalatan.com>

B01 Santen Pharmaceutical Co., Ltd.

Since its foundation in 1890, Santen Pharmaceutical Co., Ltd. has contributed to the protection and improvement of people's eyesight and health. Santen's integrated operations extend from research and development to production and sales of prescription and over-the-counter pharmaceuticals.

Today, Santen specializes in original ophthalmic and anti-rheumatic pharmaceuticals as it works to create superior pharmaceuticals for all types of ophthalmic disorders and offer information that meets clinical needs. As a result, Santen leads Japan's market for prescription ophthalmics, which represent over 80 percent of Company sales.

With marketing and development bases in Japan, the United States, Europe and other Asian countries, backed by first-rate R&D capabilities, Santen aims to increase corporate value to become a world-class company that delivers unique products to patients worldwide.

Santen Pharmaceutical Co., Ltd., 3-9-19 Shimoshinjo, Higashiyodogawa-ku, Osaka 533-8651, Japan.

Website: <http://www.santen.com/index.jsp>

A11 Solx

OccuLogix, Inc. is a health care company focused on ophthalmic devices for the diagnosis and treatment of age-related eye diseases. OccuLogix markets the SOLX® Gold Shunt, a 24-karat gold, micro implant, that reduces IOP using the natural pressure differential between the anterior chamber and the suprachoroidal space, and the SOLX® 790 Laser, a 790-nm titanium sapphire laser for trabeculoplasty and ultimately photo-titration of the gold shunt.

Solx, 890 Winter Street, Waltham, MA 02451, USA.

Tel.: US: 800.939.SOLX (7659); International: +1.781.547.4050; Website: <http://www.solx.com>

A10a Topcon South Asia PTE Ltd.

Year 2007 marks the 75th Anniversary of TOPCON. As a global leader in ophthalmic instrumentation and Digital Imaging system, Topcon offers a wide and comprehensive range of innovative product including the world renowned IMAGEnet PRO™ Digital Imaging System that is well recognized for its excellent quality and performance in the field of ophthalmology. We will be displaying our latest **3D OCT-1000** at the WGC meeting. We warmly welcome all of you to visit our booth to view and try the products. Topcon brings 'innovative technology to ophthalmology'.

Topcon South Asia PTE Ltd., Block 192, Pandan Loop #07-01, Pantech Industrial Complex, Singapore 128381.

Tel.: 65 68720606; Fax: 65 67736150; Website: <http://www.topcon.com.sg>

A11a Ziemer Group AG

A family enterprise dedicated to ophthalmology for more than 35 years; providing leading edge, award-winning technologies for improved surgical outcomes and superior diagnostic results; enabling ophthalmologists and optometrists to deliver better vision care to their patients.

Ziemer Group is a Switzerland-based group of companies who engage in research, engineering, production, and worldwide marketing of high-tech products for the ophthalmic market. The Group serves key markets such as Glaucoma, Refractive, and Cataract, delivering leading specialty products for surgical and diagnostic applications. Products include the AMADEUS II® Microkeratome, the PASCAL® Dynamic Contour Tonometer, the GALILEI™ Dual Scheimpflug Camera, the MAXWELL™ Ocular Aberrometer, and the SWISSBLADE™ series of steel and diamond surgical knives. All products are marketed by Ziemer Ophthalmic Systems AG, headquartered in Port (Switzerland), and by Ziemer USA, Inc. (Wood River, Illinois), and Ziemer's worldwide network of specialized distributors.

For the Glaucoma Specialist, Ziemer Group offers the PASCAL® Dynamic Contour Tonometer, the most accurate, high-precision device for measuring Intraocular Pressure and Ocular Pulse Amplitude. PASCAL is the ONLY tonometer that is not influenced significantly by variation in CCT, by corneal biomechanics, or by LASIK surgery.

Ziemer Ophthalmic Systems AG, CH-2562 Port, Switzerland. Phone: +41 32 332 7052; mail: innovation@ziemergroup.com

Ziemer USA, Inc., Wood River, IL 62095, USA. Phone: 618-251-9537;

Mail: usa@ziemergroup.com

Website: www.ziemergroup.com



GENERAL MEETING INFORMATION

Banking Service, Card Machines & Credit Cards

Currency

The monetary unit in Singapore is the Singapore dollar (US\$1 = S\$1.56, EUR1 = S\$2.03; These exchange rates are indicative only and may fluctuate). The local currency is Singapore dollars and cents. Notes come in denominations of S\$2, S\$5, S\$10, S\$20, S\$50, S\$100, S\$500, S\$1,000, and S\$10,000. Coins come in denominations of 1, 5, 10, 20 and 50 cents and S\$1.

Money Changer

Foreign currency and travelers' cheques can be exchanged at the Changi International Airport, hotels, shops and licensed money changers. Money can be also being changed wherever the sign 'Licensed Money Changer' is displayed. Most shopping complexes have a licensed money changer. Visitors are discouraged from changing money with unlicensed money changers.

Banking

Most banks cash travelers' cheques and provide foreign currency exchange. Passports are required when cashing in travelers' cheques. A nominal commission may be charged.

Daily Banking Hours

Mondays to Fridays 10.00 a.m.–3.00 p.m.
Saturdays 9.30 a.m.–1.00 p.m.

Banks with Foreign Exchange Dealings on Saturday

DBS: 8.30 a.m.–11.30 a.m.
Standard Chartered: 9.00 a.m.–11.30 a.m.
HSBC: 9.30 a.m.–12.00 noon

Banks Open on Sundays (No Foreign Exchange Services):

Overseas Chinese Banking Corporation (OCBC):

Jurong Point / North Point / Hougang Mall / White Sands 11.00 a.m.–7.00 p.m.

Toa Payoh Central 9.00 a.m.–7.00 p.m.

Standard Chartered Bank:

Vivo City 10.00 a.m.–10.00 p.m.

Credit / Charge Cards

Major credit cards such as American Express, Diners, MasterCard and Visa are widely accepted in Singapore.

American Express: 6880 1111

Diners Card: 6416 0800

MasterCard: 1-800-110 0113 (toll-free in Singapore only)

Visa: 1-800-448 1250 (toll-free in Singapore only)

Visa and Entry Requirements

Information may be found at <http://app.ica.gov.sg>

Climate

Singapore has a warm climate throughout the year, with a daily average temperature range of 24-31° C.

What to Wear

The dress code in Singapore is generally casual, with businessmen regularly wearing long-sleeved shirts, often without a tie. Casual dress is acceptable for most occasions, but some establishments may require a more formal dress code. It is always advisable to check beforehand on possible dress regulations.

Public Transportation

There are three modes of public transport: taxis, buses and trains (Mass Rapid Transit – MRT). The nearest MRT station to the Conference venue is City Hall MRT Station.

Telephone Services

Public telephones are available in most shopping centers and MRT stations. Calls can be made with coins, phone cards or credit cards.

Emergency Telephone Numbers

Police – 999

Ambulance – 995

Water and Electricity

It is perfectly safe to drink water straight from the tap in Singapore.

Singapore voltage is 220-240 volts AC, 50 cycles per second. On request, most hotels will provide transformers to visitors with electrical appliances of a different voltage, such as 110-120 volts, 60 cycles per second. When shopping for electrical appliances, do remember to check the voltage of the item against the acceptable voltage in your home country. The power plugs used in Singapore are of the three-pin, square-shaped type.

Smoking

Smoking is prohibited in public service vehicles, museums, libraries, lifts, theatres, cinemas, airconditioned restaurants, hair salons, supermarkets, department stores and government offices. Offenders can be fined up to SG \$ 1,000. While it is an offence to smoke in air-conditioned restaurants, smoking is permitted in air-conditioned pubs, discos, karaoke bars and nightspots, unless stated otherwise.

Littering

Singapore's clean and green image is the result of more than two decades of public education campaigns and strict laws against littering. Littering of any kind is subject up to SG \$ 1,000 fine for first-time offenders. As an extension of the law against littering, the import, sales and possession of chewing gum is prohibited.

Goods, Services Tax and Tax Free

A 7% Goods and Services Tax (GST) is levied on most goods and services.

Visitors who have spent a minimum of SG \$ 100 at a single retailer displaying the 'TAX FREE SHOPPING' or 'PREMIER TAX FREE' logos can claim for GST paid on purchases. Visitors must present their passports to the retailer to obtain a Global Refund Cheque or Premier Voucher, before claiming the refund at the GST refund counters upon departure at the airport.

Tipping

Tipping is not practiced, as most hotels and restaurants in Singapore already levy a 10% service charge on customers' bills. Tipping is prohibited at the airport.

Further Information

More information on Singapore is available at www.visitsingapore.com, the official website of the Singapore Tourism Board.

Badges

All participants and accompanying persons will receive a personal badge upon registration.

You are kindly requested to wear your name badge when attending any scientific session or social gathering. Only participants who are wearing their name badge will be admitted to the meeting rooms. You should also wear your badge in the Exhibition area.

Please note: accompanying persons and exhibitors will not be admitted to the scientific sessions.

Accompanying persons do have free access to the exhibition.

Name badges have been colour-coded as follows:

White:	Board of Governors
Red:	Faculty
Blue:	Delegates
Green:	Accompanying persons
Yellow:	Exhibitors
Purple:	Press

The charge for replacement of lost badges will be €15.

Dress code

According to our Local Organizing Committee the following dress codes apply to the various events:

- Global Assembly and Scientific part of the Meeting: Business/Congress attire
- Opening Ceremony: Business/Congress attire
- Welcome Reception: Batik shirt/Filipino shirt/Open-collared shirt (preferably without jacket)
- President's Dinner: Business casual
- Tropical Gala night: Batik shirt/Filipino shirt/Open-collared shirt (preferably without jacket)
- Farewell Reception: Lounge suit/Informal attire

Evening Dress Rental

Evening dresses are available for rent from between SGD\$480 to SGD\$580. You may contact the following for more information:

Silverlining Bridal Couture

Contact person: Jit

Address:

233A South Bridge Road
Singapore 058782

Phone/ Fax: 63399439

Website: www.silverliningbridal.com

Email: jit@silverliningbridal.com

Rental Period: 3 – 4 days

Hotel Reservations

For any enquiries on hotel reservations, please approach our staff at Level 1, Suntec Convention Centre Registration Counter

Insurance, Liabilities

Neither AIGS, nor the Organizers can be held responsible for any personal injury, loss, damage, accident to private property or additional expenses incurred as a result of delays or changes in air, rail, sea, road or other services, strikes, sickness, weather, acts of terrorism and any other cause. All participants are encouraged to make their own arrangements for health and travel insurance.

Internet Access

An Internet Corner is available in the Foyer Ballroom.

Lunch

Lunch is available at various catering points throughout the Congress Centre at a cost. Lunch boxes will be provided by the midday Symposium organizers.

Message Desk

At the message desk, delegates can leave or collect messages. The desk is located in the Registration Area.

Program Changes

Actual program changes will be indicated on the message boards located throughout the congress centre. The organizers cannot assume liability for any changes in the program due to external or unforeseen circumstances.

Restaurant Guide

Our Host, the Singapore Glaucoma Society, has prepared a personal Restaurant Guide under the leadership of Prof. Paul Chew. Restaurants in Singapore offer a variety of high quality lunches and dinners. The city is one of Asia's premier culinary centers. The Restaurant Guide will lead you to the places our local colleagues know and appreciate.

Shopping

Shops are open on weekdays from 9 a.m. – 6 p.m. (some until 8 p.m. on Thursday or Friday); on Saturdays: 9 a.m. to 1 p.m.; larger shops and malls are open until 5 p.m. on Saturdays. Shops are closed on Sundays.

Tax Refund

When you shop in Singapore, a 7% Goods & Services Tax (GST) is applicable. GST paid on purchases is refundable if visitors depart Singapore by air travel. Visitors only need to spend a minimum of S\$100 at Global Refund affiliated retailers to qualify for a refund. The goods must be taken out of Singapore within two months from the date of purchase. A handling fee will be charged for the refund services.

Shop at any Global Refund affiliated stores displaying the Tax Free Shopping logo and obtain your Global Refund Cheque from these stores.

How to Get Your Refund

You may cash your Global Refund Cheque at Changi International Airport or the Downtown Cash Refund Counters.

At Changi International Airport, you may receive your refund in cash, Airport Shopping vouchers, bank cheques or direct credit to your credit card or bank account.

Before departing Singapore, show your

purchases, receipts and passport to the custom officials and have your Global Refund cheque stamped. You must return the endorsed Global Refund cheque to the staff at the Global Refund Counter which is next to the customs.

Downtown Cash Refund Counters are located in Funan DigitalLife Mall, Wisma Atria, Centrepoin and Sim Lim Square. Proceed to the Global Refund Counter with your completed Global Refund Cheque, purchase receipt, passport and credit or charge card with 6-months validity.

NOTE for Downtown Cash Refund: refunds are in Singapore dollars and are limited to S\$500 per tourist.

For more information, please visit www.globalrefund.com.

Registration / Tickets

Registration desk – opening hours:
Wednesday July 18 – 8.00 a.m.–6.00 p.m.
Thursday, July 19 – 7.00 a.m.–6.00 p.m.
Friday, July 20 – 7.00 a.m.–6.00 p.m.
Saturday, July 21 – 8.00 a.m.–4.00 p.m.

Certificate of Attendance

Certificates of Attendance will be available at the Registration Desk in the Registration Area as of Friday July 20, 2.00 p.m.

Courses (included in registration fee)

Course tickets are available for registration on-site on a first come first served basis. Tickets can be obtained at the Course Desk in the Registration Area.

Social Program

A limited number of tickets is available on-site for the: Tropical Gala Evening (July 20): € 25,- including VAT. Tickets can be obtained at the Registration Desk.

THE ASSOCIATION OF INTERNATIONAL GLAUCOMA SOCIETIES

THE GLOBAL GLAUCOMA NETWORK

The AIGS is an independent, impartial, ethical, global organization for glaucoma science and care.

Mission

To optimize the quality of glaucoma science and care through communication and co-operation among international Glaucoma Societies, with Glaucoma Industries, Glaucoma Patient Organizations and all others in the glaucoma community.

Vision

Curiosity, creativity, quality and integrity are essential ingredients for science and care.

The AIGS is the first global subspecialty effort involving all stakeholders: ophthalmologists, other eye specialists, industrialists and patients.

Goals

Unite, communicate, meet, create personal contact, support, inform, guide, educate, investigate, aim for quality.

Glaucoma Societies

We present here only the *names* of the Glaucoma Societies. For further information the reader is referred to:

1. The Glaucoma Society Posters (see below).
2. The Global AIGS Glaucoma Society Directory (see below).

A. Member Regional Glaucoma Societies

African Society of Glaucoma – ASG

American Glaucoma Society – AGS
Australian and New Zealand Glaucoma Interest Group – ANZGIG
Asian Oceanic Glaucoma Society – AOGS
Canadian Glaucoma Society – CanGS
Chinese Glaucoma Society – ChinGS
European Glaucoma Society – EGS
Glaucoma Society of India – GSI
Glaucoma Research Society- GRS
International Society of Glaucoma Surgery – ISGS
Japanese Glaucoma Society – JGS
Latin America Glaucoma Society – LAGS
Optometric Glaucoma Society – OGS
Pan Arab African Glaucoma Society – PAAGS
Pan American Glaucoma Society – PAGS
South African Glaucoma Society – SAGS
South East Asia Glaucoma Interest Group – SEAGIG

B. National Glaucoma Societies

Argentine Glaucoma Society
Austrian Glaucoma Society
Azerbaijan Glaucoma Society
Belgium Glaucoma Society
Brazilian Glaucoma Society
Bulgarian Glaucoma Society
Central American Glaucoma Society
Colombian Glaucoma Society
Croatian Glaucoma Society
Czech Glaucoma Society
Danish Glaucoma Society
Egyptian Glaucoma Society

Estonian Glaucoma Society
 Finnish Glaucoma Society
 French Glaucoma Society
 German Glaucoma Society
 Glaucoma Group of Iceland
 Glaucoma Society of Chile
 Glaucoma Society of Serbia
 Glaucoma Society of Taiwan
 Glaucoma Society UK and Ireland
 Glaucoma Surgeons Singapore
 Greek Glaucoma Society
 Hungarian Glaucoma Society
 Indonesian Glaucoma Interest Group
 Israeli Glaucoma Group
 Italian Association for the Study of Glaucoma
 Korean Glaucoma Society
 Lesotho Glaucoma Society
 Lithuanian Glaucoma Society
 Mexican Glaucoma Society
 Netherlands Glaucoma Society
 Nigerian Glaucoma Society
 Norwegian Glaucoma Society
 Peruvian Glaucoma Society
 Philippine Glaucoma Society
 Polish Glaucoma Society
 Portuguese Glaucoma Society
 Rumanian Glaucoma Society
 Russian Glaucoma Society
 Slovene Glaucoma Society
 Spanish Society of Glaucoma
 Swedish Glaucoma Society
 Swiss Glaucoma Society
 Thai Glaucoma Society
 Turkish Glaucoma Society
 Ukrainian Glaucoma Society
 Zimbabwean Glaucoma Society

* Some Societies may call themselves sections of the national general ophthalmological society.

Glaucoma Society Posters

In 2005, all Glaucoma Societies were asked to present a poster about their society. This year the Program Committee asked Glaucoma Societies to create a follow-up to the highly successful 2005 Glaucoma Society poster presentation. These Glaucoma Society Posters describe the major achievements of the Glaucoma Society between July 2005 and July 2007 including meetings, best research, awards, publication and promulgation.

Global AIGS Directory of Glaucoma Societies

The AIGS has identified 67 Glaucoma Societies and has compiled a Global AIGS Directory of Glaucoma Societies, which includes basic information on the Glaucoma Society as far as available by June 1, 2007. This directory will be available via the AIGS website as of July 18. The Directory includes information on:

- o Society Name (if regional society list partner societies and groups)
- o Officers (+ Contact information)
- o Administrator
- o Headquarters Address
- o Contact Information

Global Glaucoma Patient Organization

At the initiative of the AIGS, a Global Glaucoma Patient Organization was founded in October 2004, New Orleans, LA, US. The aim of the organization is a further cooperation between national and regional Glaucoma Patient Organizations. Contacts between the GGPO and the AIGS are formalized through the AIGS GPO Liaison Committee.

Goals of the AIGS

- o To further develop an effective world-wide organisation to realise common goals and improve standards for glaucoma management and research
- o To facilitate and coordinate communication and collaboration between Glaucoma Societies, Glaucoma Industries and Glaucoma Patient Organizations and other organizations in the field
- o To maintain and update an AIGS Global Code of Practice
- o To maintain and update global guidelines for glaucoma diagnosis and treatment
- o To maintain and update global guidelines on publication and reporting on glaucoma treatment
- o To maintain and update global guidelines for the conduct of Glaucoma Meetings
- o To present, classify and review information on glaucoma through International Glaucoma Review
- o To improve the awareness of glaucoma
- o To publish and update a Directory of Glaucoma Societies
- o To stimulate and support Glaucoma Societies
- o To create a forum for exchange on global glaucoma research, screening, prevention of Glaucoma Blindness and WHO relationships
- o To organize global Consensus Meetings
- o To organize Information and Planning Exchange Meetings
- o To organize the World Glaucoma Congress for all members of the AIGS every two years

History

The AIGS officially started its activity on January 1, 2002 after extensive preparations in 2001. The first intercontinental cooperation started in the early nineties, when the American Glaucoma Society and the

Japanese Glaucoma Society joined the European Glaucoma Society as supporters of IGR and organized combined meetings. In 2001 R.N. Weinreb and E.L. Greve developed the idea to create a global Association of Glaucoma Societies, starting with the then thirteen Glaucoma Societies involved in IGR. Roger Hitchings joined immediately and this triumvirate started to realize a dream. An essential aspect of the dream was to include everyone involved in glaucoma: Glaucoma Societies and Glaucoma Industries and Glaucoma Patient Organizations. The first Board of Governors consisted of R.A. Hitchings, R.N. Weinreb, E.L. Greve, Y. Kitazawa and R. Susanna Jr. The first President was Roger Hitchings; Robert Weinreb became President Elect and Erik Greve became the Executive Vice President. In the six and a half years of its existence the AIGS achieved the following:

AIGS achievements 2002-2003

- o Global organization, network
- o Global communication, IGR
- o Cooperation with Glaucoma Industries
- o Global Quality Standards
- o Code of Practice
- o Guidelines on Reporting and Publishing
- o Guidelines on Quality for Glaucoma Meetings
- o Guidelines on Glaucoma Society Organization
- o Information and Planning Exchange Meetings
- o Consensus Meeting on 'Structure and Function in the Management of Glaucoma'

AIGS achievements 2004

- o Guidelines Reporting and Publishing now available online; evaluation in AIGS and other meetings.

- o Guidelines on Quality of Glaucoma Meetings now available online; evaluation in AIGS and other meetings.
- o Criteria for Glaucoma Society Organization now available online
- o Global Guidelines on Diagnosis and Treatment *in statu nascendi*
- o Report on Screening for Primary Open Angle Glaucoma started
- o First Global AIGS Conference with representatives of Glaucoma Patient Organizations completed
- o Final Announcement and call for papers AIGS
- o Six new Glaucoma Industry Members
- o Book on first Global AIGS Consensus Meeting on
- o Structure and Function published
- o Preparations on second Global AIGS Consensus
- o Meeting on Surgical Treatment of Open Angle Glaucoma

Achievements AIGS 2005

- o Organization of second Consensus Meeting on Surgical Treatment of Open Angle Glaucoma
- o World Glaucoma Congress 2005

AIGS achievements 2006-2007

- o World Glaucoma Congress July 2007, Singapore
- o Searched for and stimulated creation of new national Glaucoma Societies worldwide
- o Involved the National Glaucoma Societies in the association through:
 - * coordination of organization structure
 - * being part of consensus process
 - * being part of AIGS National Glaucoma Society assembly
 - * participating in WGC-2007
- Increased the distribution of IGR among all members of the regional and national

Glaucoma Societies; from 4000 to up to 9500

- Published the report from the Committee on Cooperation with Medical Therapy; implement research proposals (report published in IGR 7-3)
- Published the report from the Committee on Screening for POAG (report published in IGR 7-3)
- Organized the 3rd Consensus meeting and published the report on Angle Closure Glaucoma
- Organized the 4th Consensus meeting on the report on Intraocular Pressure
- Increased worldwide knowledge about glaucoma through the AIGS Diagnosis and Treatment System:
 - research committees; identification of priorities
 - consensus meetings and publications
 - continuously evolving Guidelines based on consensus meetings
 - promulgation of consensus outcomes through books, IGR, Guidelines, National Glaucoma Societies, World Glaucoma Congress

Membership AIGS

The AIGS is an association of Glaucoma Societies. It has no individual members. New or undiscovered Glaucoma Societies that desire to become a member of the AIGS are asked to contact the AIGS Executive Office through vanderveen@globalaigs.org. The involvement in the AIGS of the Glaucoma Societies is planned to be through:

1. Joining of forces, cooperation, coordination of efforts in order to improve quality of glaucoma science and care
2. Meeting and communicating in the Global Assembly, WGC, Committees activities, special ad hoc meetings
3. Distribution of information through In-

- ternational Glaucoma Review, WGC, Consensus Outcomes & Guidelines, publications
4. Participation in the Consensus & Guidelines process
 - 4.1 Preparation
 - 4.2 Meeting
 - 4.3 Publication
 - 4.4 Promulgation
 5. Cooperation in development of Glaucoma Patient Organizations
 6. Improving glaucoma curriculum in ophthalmology training
 7. Training of glaucoma sub specialists / fellowships
 8. Glaucoma Society Organization
 - 8.1 Support in developing an even more effective organization

- 8.2 Training in
 - 8.2.1 Organization of societies,
 - 8.2.1.1 Development,
 - 8.2.1.2 Management,
 - 8.2.1.3 Communication,
 - 8.2.1.4 Leadership development
 - 8.2.2 Organization of congresses/meetings,
 - 8.2.3 Development of educational programs,
 - 8.2.4 Manual on glaucoma (Guidelines from EGS, AAO, JGS, SEAGIG and others)
- 8.3 Advocacy; prevention of blindness, support for eye care
- 8.4 Critical research: necessary clinical studies, access to care
- 8.5 Availability of Project Forum for internet discussions within each national Glaucoma Society





AIGS COMMITTEES

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Wilson, Rick (US)

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ANZGIG – Goldberg, I. (AU)
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CanGS – Rafuse, P. (CA)
ChinGS – Ge, J. (CN)
EGS – Thygesen, J. (DK)
GSI – Vijaya, L. (ID)
GRS – Heijl, A. (SE)
ISGS – Shaarawy, T. (CH)
JGS – Mishima, H. (JP)

LAGS – Parra, J. (CO)
OGS – Patella, M. (US)
PAGS – Grigera, D. (AR)
PAAGS – Helal, M. (EG)
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Skuta, G. (US)
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Thygesen, J. (DK)
Wang, N. (CN)
Wells, T. (NZ)
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Long, M., (Heidelberg)
Patella, M., (Zeiss)
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Zangwill, L. (US)

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Park, K. (KR)
Pfeiffer, N. (DE)
Abdul Rahman, R. (MY)
Sample, P. (US)
Shaarawy, T. (CH)
Sherwood, M. (US)
Tham, C. (HK)
Zangwill, L. (US)



GLAUCOMA INDUSTRY MEMBERS

Glaucoma Industry Members

Alcon
Allergan
MSD
Pfizer

Associate Glaucoma Industry Members

AMO
Carl Zeiss Meditec
Heidelberg Engineering
Oculus

Supporting Glaucoma Industry Members

Ellex
Haag Streit
NeoMedix
Otsuka
Optonol
Santen
Senju
Ziemer Ophthalmic Systems AG





INTERNATIONAL GLAUCOMA REVIEW

International Glaucoma Review – 23 years

IGR, which has been published since 1984, became the official journal for the AIGS in 2002. It is distributed to all members of the Regional Glaucoma Societies of the AIGS free of charge. Most members of National Glaucoma Societies will receive IGR through membership of the regional societies. It is the aim of the AIGS to provide all members of Glaucoma Societies with the journal. IGR is a journal for glaucomatologists from all over the world. It aims at being a forum for the world's Glaucoma Societies. IGR expects to provide:

1. Efficient and easy availability, four times per year, of virtually all glaucoma literature world-wide, with a critical review of selected papers (approximately 10%).
2. Increased awareness of the activities of fellow Glaucoma Societies by means of co-operation and reporting.

The uniqueness of IGR is its attempted completeness, its classification, the Editor's Selection, and its literature database. IGR has the most complete collection of abstracts from the glaucoma literature which are otherwise not available, certainly not within the same time span. It is the only journal that presents a three monthly critical review of selected glaucoma literature. Furthermore IGR contains announcements and reports from the Glaucoma Societies involved. It may also include complete selected papers, reports of meetings, interviews, opinions, hypotheses, reviews, and anything else considered to be of interest to the members of the Glaucoma Societies. IGR is supported by a grant from the AIGS and advertising income.

IGR online Database

Per July 1 2007 the abstracts will be available online only.

The production team of IGR is in the process of transporting all abstracts published in IGR to an online accessible and fully searchable database. Abstracts will no longer be printed in IGR, but only be available online, starting with volume 9. At the time of printing of IGR 9-1, volumes 7, 8 and issue 9-1 will be available. Volumes 1 to 6 will be added in time before the World Glaucoma Congress 2007 in Singapore.

But that's not all. The comments from the Editor's Selection have also been put into a database and are also fully searchable and linked to the abstracts. This makes it possible to read what experts have to say about important abstracts and then directly read these abstracts, or vice versa. Furthermore, you can use several features when searching both databases. Amongst others it is possible to:

- o limit your search by abstracts with comments in the Editors' Selection only.
- o limit your search by classification.
- o limit your search to (a range) of year(s) of publication.
- o use operators to refine your queries.
- o use the internal bookmarking system to keep track of your searches and easily reproduce your searches later on.
- o find related abstracts with one click of your mouse
- o browse abstracts by classification, journal or author. Or just start reading from the first abstracts of an issue and on.
- o download pdf-files of abstracts.

Registration for IGR online

Access to IGR Online remains complimentary for all members of glaucoma societies

associated in the AIGS. However, you are required to register before you can access the abstracts and make use of other features of the new IGR website.

Webaddress: www.glaucom.com

GEM: the IGR Glaucoma EMail announces upcoming online issues and communicates special news items to members of the glaucoma societies.

History of IGR

International Glaucoma Review and its predecessor Glaucoma Abstracts have been serving the glaucoma interested community for 23 years. The first issue appeared in 1984. Glaucoma Abstracts, as the name was in these days, was an initiative of the European Glaucoma Society. The aim was and is to provide members of Glaucoma Societies with concise, classified information on glaucoma literature. It was sponsored by Chibret (Merck) who had the vision never to interfere with editorial matters. The first editorial, by the Honorary President of the EGS Professor Baron Jules François and Erik Greve as chief editor, has been reproduced at www.glaucom.com, the IGR website. The EGS was soon joined by the American and Japanese Glaucoma Societies. The AGS in these days was represented by George Spaeth, Dick Simmons, Bruce Shields and Douglas Anderson. They made that important move together with Yoshi Kitazawa, representing the Japanese Glaucoma Society to join the EGS in an alliance that can be seen as a predecessor of the AIGS. Bruce Shields and Yoshi Kitazawa for many years provided editorial support for International Glaucoma Review (IGR). Glaucoma Abstracts International changed into International Glaucoma Review in 1998 and sponsorship was taken over by Pharmacia. IGR started serving all major regional Glaucoma Societies in the world, which was reflected in the members of

the editorial board, particularly the Society Editors. With the foundation of the Association of International Glaucoma Societies (AIGS) in 2002, IGR became the journal for the AIGS and Robert Weinreb joined the board as editor.

The journal has now been serving the AIGS membership for more than five years. In 2007 major changes have taken place: Robert N. Weinreb has taken over the Chief Editorship and the unique IGR database is functioning. A new era has started.

AIGS-Award

The AIGS-Award is the only global glaucoma research award supported by all member Glaucoma Societies. The award was started in 1999 as the IGR Award. At the WGC-2007 the eighth Award ceremony will be held.

Excerpt from the AIGS-Award Rules:

1.1 There will be two (2) awards per year for the purpose of stimulating creativity and originality and rewarding daring and breakthrough research in the field of glaucoma, to help protect the research time of junior researchers for the benefit of glaucoma patients. The award money is intended to be used for further research.

1.2 The AIGS-Awards will be presented to the two (2) best papers on glaucoma published in the scientific literature and reviewed by the IGR in each calendar year, starting from 1999.

1.3 Each AIGS-Award will consist of:

- (a) a total amount of USD 25,000
- (b) the AIGS-Award diploma; and
- (c) the AIGS-Award Crystal Bowl

2. The Nomination Committee

2.1 Phase 1: Members of the Steering Committee, Advisory Board, Associate Advisory Board of the AIGS and the Editorial Board of IGR nominate each two papers.

2.2 Phase 2: The nominated papers of phase 1 are sent to the Regional and large National Glaucoma Societies. The Societies each nominate 2 papers from this list. The Top-ten of this list is sent to the Selection Committee.

3. The Selection Committee

3.1 The Selection Committee consists of seven (7) members. These members consist of the Managing Editor and six (6) members of the editorial board of IGR who have not served on the nomination committee. The nominated papers will be sent to external reviewers. The selection committee will select the two award winning papers based on all available information provided included that by the external reviewers

6. Selection Criteria

6.1 The AIGS-Award will be presented to the researcher who actually conceived the idea, and who has been actively involved in transforming his/her idea into the published results of a well-presented study. This does not necessarily have to be the first author of a publication. It could also be a senior coauthor, if the selection committee has information that he/she is the major contributor to the paper. The Award may also be presented jointly to more authors. The Award will be presented independent of age, and it can be presented more than once to the same researcher.

6.2 Publications selected for the AIGS - Award shall:

- Contain clinical or pre-clinical research fundamentally related to glaucoma;
- Be published in a peer-reviewed journal; and
- Represent original, creative, daring, and breakthrough research work.
- Be published between January 1st and

December 31st of the year in which the Award is presented.

7. The AIGS-Award Ceremony

7.1 The awardees will be invited to the Award ceremony.

7.2 The AIGS-Award ceremony will take place at a meeting of one of the Glaucoma Societies in the year following the year of publication.

AIGS-Award Winners 1999-2006 1999, London

Peng Khaw and Francesca Cordeiro,
Ronald Harwerth

2000, Seoul

Paul Palmberg and Douglas Gaasterland
Harry Quigley

2001, Orlando

Michal Schwartz
Jack Crawford, Yeni Yücel and Robert Weinreb

Special Recognition: Douglas Anderson,
Dunbar Hoskins and Stephen Drance

2002, Tokyo

Michael Kass and Mae Gordon
Anders Heijl

2003, Firenze

Elke Lütjen-Drecoll and Paul Kaufman
Paul Mitchell

2004, Vienna

Aiko Iwase
Claude Burgoyne

2005, Chennai

Simon John
Hiroshi Sakai

The global **AIGS-Award 2006 Ceremony** will be held on Wednesday July 18 as part of the Opening Ceremony (2.00-4.00 p.m.)

The AIGS-Award is supported by an unrestricted educational grant from Pfizer Ophthalmics.

AD World of Ophthalmology
Congress 2008

AD World of Ophthalmology
Congress 2008

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