

SCIENTIFIC PROGRAM OVERVIEW PER DAY

WEDNESDAY JUNE 29, 2011

GLAUCOMA SOCIETY SYMPOSIA

8.00-9.45 a.m. Room 351

American Glaucoma Society - Symposium

Best of the AGS

Chairs: D.S. Greenfield (USA), A. Sit (USA)

- 8.00-8.05 **Introduction**
 D.S. Greenfield (USA), A. Sit (USA)
- 8.05-8.13 **IOP telemetry in non-human primates: Initial characterization of continuous IOP at multiple time scales**
 C. Downs (USA)
- 8.13-8.21 **Day and night differences in aqueous humor dynamics in patients with ocular hypertension (OHT) treated with latanoprost, dorzolamide and timolol**
 C.B. Toris (USA)
- 8.21-8.29 **Baseline optic nerve topography and retinal nerve fiber layer thickness predict visual-field progression in glaucoma-suspect and glaucomatous eyes**
 M. Sehi (USA)
- 8.29-8.37 **Prediction of risk and rates of visual-field progression in patients with established, treated glaucoma**
 C.G. De Moraes (USA)
- 8.37-8.45 **Four-year incidence of open-angle glaucoma (OAG) and ocular hypertension (OHT) in Latinos: The Los Angeles Latino Eye Study (LALES)**
 R. Varma (USA)
- 8.45-8.53 **A comparison of visual function in patients with progressive stages of glaucoma assessed in the home and clinic**
 A. Bhorade (USA)
- 8.53-9.01 **Treatment outcomes in the Tube Versus Trabeculectomy (TVT) study after five years of follow-up**
 S.J. Gedde (USA)
- 9.01-9.09 **Change in intraocular pressure after cataract extraction in the observation group of the Ocular Hypertension Treatment Study (OHTS)**
 S.L. Mansberger (USA)
- 9.09-9.17 **A randomized trial of brimonidine versus timolol in preserving visual function: Results from the Low-pressure Glaucoma Treatment Study**
 T. Krupin (USA)
- 9.17-9.45 **Discussion**

WEDNESDAY JUNE 29, 2011

8.00-9.45 a.m. Room 352B

Australian and New Zealand Glaucoma Interest Group - Symposium
What's hot down under?

A wonderful outlook – The Australian and NZ glaucoma landscape

I. Goldberg (AUSTRALIA)

Hunting families – for case detection

P. Healey (AUSTRALIA)

What the mutiny on the bounty did for glaucoma?

D. Mackey (AUSTRALIA)

It's all about compliance: The optic-disc response to acute IOP spikes

A. Wells (AUSTRALIA)

Bad genes that stop you looking good....

J. Craig (AUSTRALIA)

Going, Going, GONE

M. Coote (AUSTRALIA)

Filling in the scotoma-fMRI findings

S. Graham (AUSTRALIA)

Hard knocks and soft nerves

J.G. Crowston (AUSTRALIA)

So now you have seen

I. Goldberg (AUSTRALIA)

8.00-9.45 a.m. Room 341

Canadian Glaucoma Society - Symposium

8.10-8.20 **Interim results of the Express vs. trabeculectomy trial**

Y.M. Buys (CANADA)

8.20-8.40 **Glaucoma drainage device complications**

G.E. Trope (CANADA)

8.40-9.00 **Deep sclerectomy with gold implant: A new surgical technique**

P. Harasymowycz (CANADA)

9.00-9.20 **Optic Disc Phenotype Progression Study**

M. Nicolela (CANADA)

9.20-9.45 **Discussion on interprofessional collaboration**

All panel members

World Glaucoma Congress, June 29-July 2, 2011

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8.30-9.35 a.m. Room 352A

Glaucoma Society of India - Symposium

Glaucoma in the Developing World and innovative strategies

Chairs: H. Kumar (INDIA), R. Sihota (INDIA), L. Vijaya (INDIA)

- 8.30-8.35 **Cost and cost efficacy of medical vs. surgical therapy for glaucoma**
R. George (INDIA)
- 8.35-8.40 **Barriers to Compliance in the developing world**
M. Ariga (INDIA)
- 8.40-8.45 **The problem of patient drop-out**
V. Gupta (INDIA)
- 8.45-8.55 **Managing glaucoma in the developing world**
R. Sihota (INDIA)
- 8.55-9.00 **Quality of life of glaucoma patients in the developing world**
M.R. Pillai (INDIA)
- 9.00-9.05 **Cost of blindness in India**
P. Vyas (INDIA)
- Innovative strategies:**
- 9.05-9.10 **Reaching out to glaucoma patients: A novel approach**
G. Murthy (INDIA)
- 9.10-9.15 **Tele-ophthalmology in glaucoma**
S. Parthsarathi (INDIA)
- 9.15-9.25 **Economic issues in glaucoma care**
S. Kymes (USA)
- 9.25-9.35 **Summary by the chairs**

8.00-9.45 a.m. Room 342A + 342B

Latin American Glaucoma Societies - Joint Symposium

Chairs: J.F. Lynch (ARGENTINA), I. Maynar Tavares (BRAZIL)

- 8.00-8.08 **Improving filtering surgeries: Techniques and post-op care**
J. Acosta (ARGENTINA)
- 8.08-8.16 **Glaucoma drainage devices: Managing difficult cases**
I. Maynar Tavares (BRAZIL)
- 8.16-8.24 **Trabeculectomy Hyperfiltration Management**
J.J. Mura (CHILE)
- 8.24-8.32 **How to deal with Ahmed implants complications**
J.C. Parra (COLOMBIA)
- 8.32-8.40 **Miscellaneous**
C. Chacón (ECUADOR)
- 8.40-8.48 **Ahmed Valve: Surgical cases**
F. Gil Carrasco (MEXICO)

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- 8.48-8.56 **Surgical pearls in glaucoma implant devices**
 R. Susanna (PAN AMERICANA)
- 8.56-9.04 **Conjunctival expansion as a treatment of leaking bleb**
 R. Pérez Grossman (PERU)
- 9.04-9.12 **Unroofing of a glaucoma drainage device**
 C. Hartleben (SLAG)
- 9.12-9.20 **Surgical options in the treatment of CACG**
 J.C. Viera (VENEZUELA)

8.00-9.45 a.m. Room 353

Middle East African Glaucoma Society (MEAGS) and Egyptian Society for Glaucoma (ESG) - Joint Symposium

The Middle East, Egyptian and African Disparities and challenges

Chairs: A. Abou-el Enein (EGYPT), F. El Sayyad (EGYPT), A. Ouertani (TUNISIA) (GS1)

- 8.00-8.07 **Glaucoma management in Africa and the Middle East: An update**
 F. El Sayyad (EGYPT)
- 8.07-8.14 **Glaucoma in Africa: The difficult challenge**
 A. Ouertani (TUNISIA)
- 8.14-8.21 **Trabeculectomy in end-stage glaucoma**
 T.H. Mokbel (EGYPT)
- 8.21-8.28 **Glaucoma in heredo-familial collagen disorders**
 M. Yaqub (SUDAN)
- 8.28-8.35 **Assessment of macular anatomical and functional changes in glaucoma patients**
 A. Sedky (EGYPT)
- 8.35-8.42 **Decentralizing ophthalmic care in Egypt**
 T. Shaarawy (EGYPT)
- 8.42-8.49 **The incidence of glaucoma surgery failure in Egypt**
 T. El-Beltagi (EGYPT)
- 8.49-8.56 **Traumatic glaucoma as a significant cause of blindness in our region**
 B. Nourelddin (LEBANON)
- 8.56-9.03 **Ocular blood flow in young patients with optic disc suspicious of glaucoma**
 L. Hammouda (EGYPT) (GS2)
- 9.03-9.10 **Selective laser trabeculoplasty (with regional experience)**
 A. Jazzaf (KUWAIT)
- 9.10-9.17 **Use of amniotic membrane in trabeculectomy operations in Egypt**
 T. El-Emari (EGYPT)

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- 9.17-9.24 **OCT progression analysis**
L. Alaswad (SYRIA)
- 9.24-9.31 **Management of glaucoma in silicone-filled eyes**
A. Abou-el Enein (EGYPT)
- 9.31-9.38 **Role of glaucoma societies in developing countries**
M. Nassar (EGYPT)
- 9.38-9.45 **Discussion**

8.00-9.45 a.m. Room 326M + 327M**Bangladesh Glaucoma Society - Symposium****Glaucoma Diagnosis and Treatment Challenges in Bangladesh**

Chairs: M.A. Matin (BANGLADESH), S. Uddin (BANGLADESH)

- 8.00-8.05 **Introduction of Speakers**
Chairs
- 8.06-8.12 **Epidemiology of glaucoma in Bangladesh**
N. Khan (BANGLADESH)
- 8.13-8.21 **Trends of early diagnosis of glaucoma in Bangladesh**
Z. Karim (BANGLADESH)
- 8.22-8.30 **Diagnostic tools for PACG**
Kh. Ziaul Islam Md. Ali (BANGLADESH)
- 8.31-8.40 **RNFL analysis by OCT**
M. Hossain (BANGLADESH)
- 8.41-8.50 **Medical treatment of glaucoma: Bangladesh perspective**
Z.S. Shahid (BANGLADESH)
- 8.51-9.00 **Laser treatment for glaucoma**
M.A. Karim (BANGLADESH)
- 9.01-9.15 **Tripple E (Easy, Economic & Effective). Trabeculectomy for developing countries**
M.N. Islam (BANGLADESH)
- 9.16-9.30 **Awareness and prevention of glaucoma in Bangladesh**
Sk. M.A. Mannaf (BANGLADESH)
- 9.31-9.45 **Discussion**

8.00-9.45 a.m. Room 364**Bulgarian Glaucoma Society - Symposium**

Chairs: N. Petkova (BULGARIA), M. Atanassov (BULGARIA), M. Konareva (BULGARIA)

Glaucoma: A diagnosis based on probability

M. Atanassov (BULGARIA) (GS3)

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- OCT evaluation of optic nerve head in patients suspected for glaucoma**
L. Mishev (BULGARIA) (GS4)
- CCT in patients with advanced primary open-angle glaucoma**
S. Ivanova (BULGARIA) (GS5)
- Combined surgery in advanced primary congenital glaucoma**
N. Petkova (BULGARIA) (GS6)
- Efficacy of trabeculectomy with MMC in pseudoexfoliative glaucoma patients after minimum two years follow-up**
M. Konareva (BULGARIA) (GS7)
- Express Implant. Technique. First results**
Pr. Guguchkova (BULGARIA) (GS8)
- First results with Express implant in patients with glaucoma**
A. Misheva (BULGARIA) (GS9)
- Successful control of intraocular pressure in secondary glaucoma with implants**
Y. Kirilova (BULGARIA) (GS10)
- OCT in the diagnosis and follow-up of glaucomas**
T. Hergeldzhieva-Fileva, Y. Kirilova, P. Vassileva (BULGARIA) (GS11)

8.00-9.45 a.m. Room Havane

Symposium of CIS Glaucoma Societies

Glaucoma - «State» without borders

Chairs: E. Egorov (RUSSIA), T. Botabekova (KAZAKHSTAN), A. Kasimov (AZERBAIJAN), L. Marchenko (BELARUS)

- 8.00-8.15 **Epidemiological features of glaucoma in CIS: results of the multi-center study**
E. Egorov, A. Kuroyedov (RUSSIA)
- 8.15-8.27 **The efficiency of glaucoma detection in various forms of screening**
T. Botabekova, N. Aldasheva, S. Islamov, Y. Kramorenko (KAZAKHSTAN)
- 8.27-8.39 **Pathogenic mechanisms of ischemic and non-ischemic types of primary glaucoma**
N. Zavgorodnyaya (UKRAINE)
- 8.39-8.51 **Glaucoma is a neurodegenerative disease, a new paradigm for an old problem**
L. Marchenko, A. Fedulov, A. Dalidovich, Y. Rozhko (BELARUS)
- 8.51-9.03 **Glaucoma: Who, when and how we operate?**
V. Elichev (RUSSIA)
- 9.03-9.15 **Glaucoma management in the Russian region - Tatarstan**
A. Amirov (RUSSIA)
- 9.15-9.30 **Q/A-Summary**

WEDNESDAY JUNE 29, 2011**8.00-9.45 a.m. Room 361****Greek Glaucoma Society - Symposium****New trends in early glaucoma diagnosis**

A. Diagourtas (GREECE)

Thessaloniki Eye Study: From the research to the clinical practice

E. Anastasopoulos (GREECE)

Early detection-early progression: Where the truth lies!

E. Karmiris (GREECE)

24-hour IOP monitoring in glaucoma

A.G.P Konstas (GREECE)

8.00-9.45 a.m. Room 343**Korean Glaucoma Society - Symposium****New findings in glaucoma***Chair:* C. Kee (KOREA)**8.00-8.10 Perimacular inner retinal layer thickness in glaucoma**

C. Yun Kim (KOREA)

8.11-8.20 Structure/function correlation in the macula

M.S. Kook (KOREA)

8.21-8.30 Retinal nerve fiber layer imaging in glaucoma management: Premises, promises and challenges

C.K.S. Leung (HONG KONG)

8.31-8.40 Disc hemorrhage: The incidence and significance

K.H. Park (KOREA)

8.41-8.50 New targets for SD-OCT imaging in glaucoma

N. Strouthidis (UNITED KINGDOM)

8.51-9.00 New algorithm to image the lamina cribrosa

T.W. Kim (KOREA)

9.01-9.10 Dynamic iris and anterior segment parameter changes in angle closure

K. Sung (KOREA)

9.11-9.20 Thinner retinal nerve fiber layer in normal-tension glaucoma

C. Kee (KOREA)

9.21-9.30 New candidates for neuroprotective therapy in glaucoma

M. Aihara (JAPAN)

9.30-9.45 Discussion

WEDNESDAY JUNE 29, 2011

8.00-9.45 a.m. Room 322M + 323M

Portuguese Society of Ophthalmology - Portuguese Glaucoma Group - Symposium

Chairs: A. Figueredo (PORTUGAL), M. Carvalho (PORTUGAL)

- 8.00-8.15 **Exfoliative glaucoma: Our approach**
 H. Spohr (PORTUGAL)
- 8.15-8.30 **Malignant glaucoma**
 C. Aguiar (PORTUGAL)
- 8.30-8.45 **UBM versus OCT Visante® in glaucoma surgery**
 A. Coelho (PORTUGAL)
- 8.45-9.00 **Long term surgical and visual outcomes of trabeculotomy in primary congenital glaucoma**
 S. Estrela Silva (PORTUGAL)
- 9.00-9.15 **Canaloplasty, pitfalls and pearls**
 M. da Luz Freitas (PORTUGAL)
- 9.15-9.40 **Discussion**

8.00-9.45 a.m. Room 362 + 363

Saudi Glaucoma Group - Symposium

Congenital Glaucoma in Saudi Arabia

Chairs: I. Aljadaan (SAUDI ARABIA), O. Badeeb (SAUDI ARABIA)

Moderator: S. Alobeidan (SAUDI ARABIA)

- 8.00-8.15 **Introduction to congenital glaucoma in Saudi Arabia**
 O. Badeeb (SAUDI ARABIA)
- 8.15-8.30 **Genetics of congenital glaucoma**
 K. Abu-Amero (SAUDI ARABIA)
- 8.30-8.50 **Surgical options in congenital glaucoma**
 S. Alobeidan (SAUDI ARABIA)
- 8.50-9.05 **Anti-glaucoma medications in pediatric age group**
 I. Aljadaan (SAUDI ARABIA)
- 9.05-9.20 **Visual fields testing in pediatric age group**
 J. Morales (SAUDI ARABIA)
- 9.20-9.35 **PKP in congenital glaucoma**
 A. Alrahji (SAUDI ARABIA)
- 9.35-9.45 **Discussion**

9.45-10.00 a.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

World Glaucoma Congress, June 29-July 2, 2011

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10.00-10.50 a.m. **Grand Amphitheatre** **French Glaucoma Society Symposium**

Chairs: A. Bron (FRANCE), F. Valtot (FRANCE)

- 10.00-10.10 **Ocular surface and glaucoma**
C. Baudouin (FRANCE)
- 10.10-10.20 **Glaucoma economics**
J.P. Rouland (FRANCE)
- 10.20-10.30 **Risks factors in glaucoma: A case control study**
J.P. Renard (FRANCE)
- 10.30-10.40 **Therapeutic alliance in glaucoma: Are patients and ophthalmologists on the same wavelength?**
J.P. Nordmann (FRANCE)
- 10.40-10.50 **Current data on ultrasound glaucoma treatment**
P. Denis (FRANCE)

10.55-11.45 a.m. **Grand Amphitheatre** **European Glaucoma Society Symposium** **Regional Initiatives in Glaucoma**

Chairs: R.A. Hitchings (UNITED KINGDOM), C.E. Traverso (ITALY)

- 10.55-11.04 **Where glaucoma sits within other health issues in Europe**
A. Azuara Blanco (UNITED KINGDOM)
- 11.04-11.13 **A regional perspective on genetic studies and biobanks-EGS GlaucoGene**
A. Viswanathan (UNITED KINGDOM)
- 11.13-11.22 **EGS GlaucoCard project and online system for patients' data collection**
M. Schargus (GERMANY)
- 11.22-11.31 **Use of IOP-lowering medications: Past, present and future**
H. Uusitalo (FINLAND)
- 11.31-11.40 **Development of cooperation with patients associations**
J. Thygesen (DENMARK)
- 11.40-11.45 **Report from the EGS 2010 Madrid Congress**
F. Grehn (GERMANY)

10.00 a.m.-1.45 p.m. **Room 362 + 363** **WGC FILM FESTIVAL**

Please see page 62 for the list of videos to be shown.

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WEDNESDAY JUNE 29, 2011

PLENARY LUNCH SYMPOSIUM

12.00-1.00 p.m. **Grand Amphitheatre** **The Pressures of Glaucoma**

Chairs: R.N. Weinreb (USA), R. Susanna (BRAZIL), K. Barton (UNITED KINGDOM)

Intraocular Pressure: 24 hours and beyond

R.N. Weinreb (USA)

Blood pressure and perfusion pressure: Should they be treated?

K. Singh (USA)

Intracranial pressure: Is it the next risk factor?

K. Martin (UNITED KINGDOM)

Pressure Independence: Is glaucoma progression related to more than just intraocular pressure?

J.M. Liebmann (USA)

Boxed lunches provided following the symposium

1.00-3.00 p.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

2.00-3.00 p.m. **Room 342A + 342B** **Global Assembly**

- | | |
|-----------|---|
| 2.00-2.05 | Opening & Welcome
M. Araie (JAPAN) |
| 2.05-2.10 | Introduction of new Glaucoma Societies since WGC-2009
T. Shaarawy (SWITZERLAND) |
| 2.10-2.20 | WGA Statutes
D.S. Greenfield (USA), P. Healey (AUSTRALIA) |
| 2.20-2.25 | International Glaucoma Review
R.N. Weinreb (USA) |
| 2.25-2.30 | World Glaucoma Week
I. Goldberg (AUSTRALIA), R. Ritch (USA) |
| 2.30-2.40 | Consensus Update
R.N. Weinreb (USA) |
| 2.40-2.45 | Highlights of the WGA African Glaucoma Summit
S. Melamed (ISRAEL) |
| 2.45-2.55 | WGA Strategic Plan
A. Sit (USA) |
| 2.55-3.00 | Summary and Concluding Remarks
K. Singh (USA) |

WEDNESDAY JUNE 29, 2011**3.30-5.30 p.m. Grand Amphitheatre
Opening Session**

- 3.30-3.36 **Welcome and Introduction of the President**
K. Singh (USA)
- 3.36-3.39 **Welcome by the WGA President**
M. Araie (JAPAN)
- 3.39-3.40 **Introduction of the French Glaucoma Society President**
- 3.40-3.43 **Welcome by the French Glaucoma Society President**
E. Sellem (FRANCE)
- 3.43-3.44 **Introduction of the European Glaucoma Society President**
- 3.44-3.47 **Welcome by the European Glaucoma Society President**
C.E. Traverso (ITALY)
- 3.47-3.48 **Introduction of the Program Committee Chairs**
- 3.48-3.57 **Welcome by the WGC Program Committee Chairs**
D. Lam (HONG KONG), J.M. Liebmann (USA), S. Melamed (ISRAEL),
J.S. Schuman (USA)
- 3.57-3.58 **Introduction of the Board of Governors**
- 3.58-4.03 **Welcome by the Board of Governors First President**
R.A. Hitchings (UNITED KINGDOM)
- 4.03-4.04 **Introduction of Consensus**
- 4.04-4.12 **Consensus Update**
R.N. Weinreb (USA)
- 4.12-4.13 **Introduction of the World Glaucoma Week**
- 4.13-4.18 **World Glaucoma Week**
I. Goldberg (USA)
- 4.18-4.19 **Introduction of the International Glaucoma Review**
- 4.19-4.24 **International Glaucoma Review Update**
R.N. Weinreb (USA)
- 4.24-4.25 **Introduction of the WGA African Glaucoma Summit**
- 4.25-4.35 **WGA African Glaucoma Summit**
S. Melamed (ISRAEL), T. Shaarawy (SWITZERLAND)
- 4.35-4.36 **Introduction of the WGA Research Awards**
- 4.36-4.56 **WGA Research Awards**
M. Araie (JAPAN), R.N. Weinreb (USA)
- 4.56-4.58 **Introduction of Lecture**
- 4.58-5.18 **Wine, Glaucoma and Life**
A. Bron (FRANCE)
- 5.18-5.20 **Summary and Concluding Comments**
K. Singh (USA)

5.30-7.00 p.m. WELCOME RECEPTION – EXHIBITION AREA (THIRD FLOOR)

THURSDAY JUNE 30, 2011

7.00-7.55 a.m. **Room Havane**

This symposium is sponsored by Pfizer

New approaches in the care of pediatric glaucoma

Chair: N. Pfeiffer (GERMANY)

The epidemiology and pathogenesis of pediatric glaucoma

J. Brookes (UNITED KINGDOM)

Current approaches, new developments and challenges to pediatric glaucoma management

J. Thygesen (DENMARK)

From pediatric to adult glaucoma: Learning from the clinical evidence in adults

N. Pfeiffer (GERMANY)

Questions and answers

N. Pfeiffer (GERMANY), J. Brookes (UNITED KINGDOM), J. Thygesen (DENMARK)

7.00-7.55 a.m. **Room 343**

This symposium is sponsored by Ziemer

Dynamic Contour Tonometer: Clinical relevance

Chair: R.L. Stamper (USA)

The Dynamic Contour Tonometer: Studies and application

R.L. Stamper (USA)

Effect of latanoprost on applanation tonometry and Dynamic Contour Tonometry

E.T. Detorakis (GREECE)

The relative accuracy and precision of clinical tonometry

D. Garway-Heath (UNITED KINGDOM)

Myth or truth: The anti-glaucomatous cataract surgery

A. Viestenz (GERMANY)

8.00-9.30 a.m. **Grand Amphitheatre**

S21 Grand Rounds

Chairs: C. Baudouin (FRANCE), D. Epstein (USA)

Panel: A. Bron (FRANCE), I. Goldberg (AUSTRALIA), T. Samuelson (USA), R. Susanna (BRAZIL)

8.00-8.06

GR01 Concurrent Posner Schlossman syndrome and CMV retinitis during immunotherapy for common variable immunodeficiency

A. Espino García (SPAIN)

8.06-8.12

GR02 Grand Round: Puzzling asymmetry

J. Vazirani (INDIA)

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8.12-8.18 **GR03 Severe and refractory ocular hypertension after IOL and intravitreal injection of triamcinolone**

Y. Liang (HONG KONG)

8.18-8.24 **GR04 Normal-tension glaucoma in a young adult patient or what?**

N. Kasahara (BRAZIL)

8.24-8.30 **GR05 Progression of glaucoma in a patient with Boston keratoprosthesis**

P.K.R. Beeram (INDIA)

Panel discussion

8.00-9.30 a.m. Room Bordeaux

S01 Angle-closure glaucoma

Chairs: D. Friedman (USA), J. Ge (CHINA), R. Thomas (AUSTRALIA)

8.00-8.08 **Epidemiology update**

G. Gazzard (UNITED KINGDOM)

8.08-8.16 **Mechanism of ACG including discussion of the role of the lens in ACG**

M. He (CHINA)

8.16-8.24 **Genetics of ACG**

T. Aung (SINGAPORE)

8.24-8.32 **Recent clinical trials in angle closure**

C.C.Y. Tham (HONG KONG)

8.32-8.40 **Major unanswered questions about angle closure**

H. Quigley (USA)

8.40-8.48 **Iridoplasty, what is the evidence?**

A. Azuara Blanco (UNITED KINGDOM)

8.48-8.56 **Innovations in angle-closure diagnosis**

R. George (INDIA)

8.00-8.45 a.m. Room Havane

S04 Epidemiology and screening of primary open-angle glaucoma

Chairs: N. Congdon (CHINA), M. He (CHINA), L.M. Rossetti (ITALY)

8.00-8.08 **Is it better to under- or over-diagnose glaucoma?**

M.S. Kook (KOREA)

8.08-8.16 **Are sleep apnea or other sleep disorders risk factors for glaucoma?**

S.L. Mansberger (USA)

8.16-8.24 **Should we be treating low-perfusion pressure?**

F. Topouzis (GREECE)

8.24-8.32 **How will genetics help with the management of glaucoma?**

J. Wiggs (USA)

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8.32-8.40 **How much should the IOP be lowered to prevent glaucomatous visual field loss?**
D.E. Grigera (ARGENTINA)

8.45-9.30 a.m. **Room Havane**

S05 Risk factors for glaucoma onset and progression

Chairs: B. Bengtsson (SWEDEN), D. Leung Yu-Lung (HONG KONG), T. Zeyen (BELGIUM)

8.45-8.53 **Confirmed and unconfirmed risk factors for glaucoma**
P. Healey (AUSTRALIA)

8.53-9.01 **Are risk factors for onset and progression of glaucoma different?**
C.G. De Moraes (USA)

9.01-9.09 **Lifestyle and risk for glaucoma**
J.C. Tsai (USA)

9.09-9.17 **Are any risks except IOP treatable?**
L. Schmetterer (AUSTRIA)

9.00 a.m.-4.45 p.m. **Room 362 + 363**

WGC FILM FESTIVAL

Please see page 64 for the list of videos to be shown

9.30-10.15 a.m. **BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION**

10.15-11.45 a.m. **Grand Amphitheatre**

S03 Glaucoma progression

Chairs: D.S. Greenfield (USA), D.E. Grigera (ARGENTINA), A. Heijl (SWEDEN)

10.15-10.23 **Detection of retinal nerve fiber layer progression**
K. H. Park (KOREA)

10.23-10.31 **Detection of optic disc and HRT progression**
M. Nicolela (CANADA)

10.31-10.39 **Detection of visual field progression**
B. Bengtsson (SWEDEN)

10.39-10.47 **Using structure and function information in clinical practice**
J.M. Liebmann (USA)

10.47-10.55 **Should clinical therapy be advanced following optic disc hemorrhage?**
T. Yamamoto (JAPAN)

10.55-11.03 **Management of rapid glaucomatous progression**
R. Carassa (ITALY)

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10.15-11.45 a.m. Room Bordeaux

S28 Innovative approaches for protecting the retinal ganglion cells

Chairs: K. Martin (UNITED KINGDOM), H. Levkovitch-Verbin (ISRAEL), R.N. Weinreb (USA)

- 10.15-10.23 **Clues to neuroprotection from genetic studies**
J. Wiggs (USA)
- 10.23-10.31 **Gene therapy for glaucoma**
P.L. Kaufman (USA)
- 10.31-10.39 **Axoprotection**
L. Wheeler (USA)
- 10.39-10.47 **Treating the brain**
N. Gupta (CANADA)
- 10.47-10.55 **Mitoprotection**
J.G. Crowston (AUSTRALIA)
- 10.55-11.03 **Obstacles for clinical trials of neuroprotection of glaucoma**
F. Medeiros (USA)
- 11.03-11.11 **The artificial retina**
J.A. Sahel (FRANCE)
- 11.11-11.19 **Where to from here?**
J.E. Morgan (UNITED KINGDOM)

10.15-11.00 a.m. Room Havane

S23 Glaucoma and myopia

Chairs: J. Jonas (GERMANY), T. Aung (SINGAPORE), S. Lin (USA)

- 10.15-10.23 **Biomechanics of the optic-nerve head in eyes with myopic features**
J. Jonas (GERMANY)
- 10.23-10.31 **Glaucomatous disease in young Chinese myopes**
K. Singh (USA)
- 10.31-10.39 **Glaucoma diagnosis in highly-myopic eyes using SD-OCT**
M. Hangai (JAPAN)
- 10.39-10.47 **The retinal nerve fiber layer in myopia**
D.L. Budenz (USA)
- 10.47-10.55 **Structural changes in the eye in Asians with myopia**
B. Mani (SINGAPORE)

THURSDAY JUNE 30, 2011

11.00-11.45 a.m. Room Havane

S25 Update on Consensus reports

Chairs: J.M. Liebmann (USA) M. Araie (JAPAN), S.F. Lerner (ARGENTINA)

11.00-11.03	Introduction M. Araie (JAPAN)
11.03-11.11	Who should be treated? F. Medeiros (USA)
11.11-11.19	Selection of drugs S.F. Lerner (ARGENTINA)
11.19-11.27	Neuroprotection T. Wong (SINGAPORE)
11.27-11.35	Unmet needs C.K.S. Leung (HONG KONG)
11.35-11.43	Summary J.M. Liebmann (USA)

PLenary LUNCH SYMPOSIUM

12.00-1.00 p.m. Grand Amphitheatre

Clinical considerations in Glaucoma treatment: A preservative-free option

Chair: C.E. Traverso (ITALY)

Welcome and introduction

C.E. Traverso (ITALY)

The glaucoma patient: Who to treat and how to treat

J.P. Nordmann (FRANCE)

Effects of preservatives on the ocular surface and trabecular meshwork

M. Kahook (USA)

Clinical profile of the first and only preservative-free prostaglandin

N. Pfeiffer (GERMANY)

Diurnal IOP measurement: What is new?

T. Shaarawy (SWITZERLAND)

Q&A/Panel Discussion

Final comments & closing

C.E. Traverso (ITALY)

This symposium is sponsored by Merck Sharp & Dohme and Santen

Boxed lunches provided following the symposium

THURSDAY JUNE 30, 2011

1.00-2.00 p.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

2.00-3.30 p.m. **Grand Amphitheatre**

S17 Glaucoma debates: hot topics (has glaucoma management improved in the last ten years?)

Chairs: K. Singh (USA), P. RojanaPongpun (THAILAND), M. Nardi (ITALY)

- | | |
|-----------|--|
| 2.00-2.07 | What is the best glaucoma operation when the first trabeculectomy fails: Trab
R. Fechtner (USA) |
| 2.07-2.14 | What is the best glaucoma operation when the first trabeculectomy fails: Tube
R.K. Parrish (USA) |
| 2.14-2.21 | Should pre-perimetric glaucoma be treated with IOP-lowering therapy: Yes
D.S. Greenfield (USA) |
| 2.21-2.28 | Should pre-perimetric glaucoma be treated with IOP-lowering therapy: No
A. Heijl (SWEDEN) |
| 2.28-2.35 | Will non-IOP-lowering neuroprotective therapy be available within the next decade: Yes
C.K.S. Leung (HONG KONG) |
| 2.35-2.42 | Will non-IOP-lowering neuroprotective therapy be available within the next decade: No
K. Martin (UNITED KINGDOM) |
| 2.42-2.49 | Will trabeculectomy be the most frequently performed stand-alone glaucoma operation in five years: Yes
R.L. Stamper (USA) |
| 2.49-2.56 | Will trabeculectomy be the most frequently performed stand-alone glaucoma operation in five years: No
N. Pfeiffer (GERMANY) |
| 2.56-3.03 | Is laser trabeculoplasty preferred first-line glaucoma therapy: Yes
R.L. Fellman (USA) |
| 3.03-3.10 | Is laser trabeculoplasty preferred first-line glaucoma therapy: No
F. J. Goñi (SPAIN) |
| 3.10-3.17 | Is modern cataract surgery the best glaucoma operation: Yes
R. Brown (USA) |
| 3.17-3.24 | Is modern cataract surgery the best glaucoma operation: No
C.E. Traverso (ITALY) |

THURSDAY JUNE 30, 2011

2.00-3.30 p.m. Room Bordeaux

S24 Exfoliation syndrome and exfoliative glaucoma

Chairs: R. Ritch (USA), H. Tanihara (JAPAN)

- 2.00-2.10 **Structure and function of the lysyl oxidases**
K. Csiszar (USA)
- 2.10-2.20 **Epidemiology and genetics of exfoliation syndrome**
K. Barton (UNITED KINGDOM)
- 2.20-2.30 **Ocular manifestations of exfoliation syndrome**
G. Holló (HUNGARY)
- 2.30-2.40 **Systemic manifestations of exfoliation syndrome**
R. Ritch (USA)
- 2.40-2.50 **The role of LOXL1 in the pathophysiology of exfoliative glaucoma**
U. Schlötzer-Schrehardt (GERMANY)
- 2.50-3.00 **Treatment of exfoliative glaucoma**
A.G.P. Konstas (GREECE)
- 3.00-3.10 **Surgical approach to glaucoma and cataract**
C. Tello (USA)

2.00-2.45 p.m. Room Havane

S09 Laser trabeculoplasty for open-angle glaucoma

Chairs: S. Melamed (ISRAEL), J. Alvarado (USA), J. Zhao (CHINA)

- 2.00-2.08 **SLT for OAG: Where are we?**
M.A. Latina (USA)
- 2.08-2.16 **Role of laser trabeculoplasty (ALT, SLT) in our glaucoma clinic**
M. Wand (USA)
- 2.16-2.24 **SLT in pseudoexfoliative glaucoma**
O. Geyer (ISRAEL)
- 2.24-2.32 **Should LTP be first-line treatment**
R. Noecker (USA)

2.45-3.30 p.m. Room Havane

S34 Regenerative medicine in the 21st century - Can we repair the glaucomatous eyes?

Chairs: J.D. Brandt (USA), R. Burk (GERMANY), Y. Kuwayama (JAPAN)

- 2.45-2.53 **Targets for regenerative medicine in the outflow system**
D.J. Rhee (USA)
- 2.53-3.01 **Delivering genes to the trabecular meshwork**
J.D. Lindsey (USA)

THURSDAY JUNE 30, 2011

- 3.01-3.09 **Repairing the central nervous system**
Y. Yücel (CANADA)
- 3.09-3.17 **Repairing the retinal ganglion cell**
F. Cordeiro (UNITED KINGDOM)
- 3.17-3.25 **The prosthetic ocular surface-glaucoma challenges**
J.D. Brandt (USA)

3.30-4.00 p.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

4.00-5.00 p.m. **Grand Amphitheatre**

C17 Imaging 1: Basic technology and diagnosis

Chairs: C.K.S. Leung (HONG KONG), J.S. Schuman (USA)

Speakers: M. Fingeret (USA), J.C. Fujimoto (USA), H.G. Lemij (THE NETHERLANDS), F. Medeiros (USA), G. Wollstein (USA), L. Zangwill (USA)

4.00-5.00 p.m. **Room Bordeaux**

C12 Glaucoma drainage devices - part 1

Chairs: J. Freedman (USA), A. Molteno (NEW ZEALAND)

Speakers: G. Baerveldt (USA), E. Dahan (ISRAEL), M. Sherwood (USA), G.E. Trope (CANADA)

4.00-5.00 p.m. **Room Havane**

French Glaucoma Society Courses: Irido-corneal angle and optic nerve head simulator

Chairs: J.P. Rouland (FRANCE), J. Romanet (FRANCE)

4.00-5.00 p.m. **Room 341**

C01 Glaucoma epidemiology: Prevalence and diagnosis

Chairs: F. Topouzis (GREECE), R. Varma (USA), W. Nolan (UNITED KINGDOM), R. Thomas (AUSTRALIA)

Speakers: T. Aung (SINGAPORE), W. J. Feuer (USA), D. Friedman (USA), M. He (CHINA), R. Wilson (USA)

4.00-5.00 p.m. **Room 342A**

C03 Congenital and infantile glaucoma

Chairs: A.K. Mandal (INDIA) M. Lynch (USA)

Speaker: A.K. Mandal (INDIA), P.A. Netland (USA), L. Solebo (UNITED KINGDOM)

THURSDAY JUNE 30, 2011

4.00-5.00 p.m. Room 342B

C04 Glaucoma management and education in the developing world

Chairs: F. Gomez Goyeneche (COLOMBIA), L.W. Herndon (USA)

Speakers: K. Ben Amor (TUNISIA), G. Gazzard (UNITED KINGDOM), L. W. Herndon (USA), K.F. So (HONG KONG), C. Zhang (CHINA)

4.00-5.00 p.m. Room 343

C08 Tonometry and corneal biomechanics

Chairs: J.D. Brandt (USA), L.E. Pillunat (GERMANY)

Speakers: N. Congdon (CHINA), D. Garway-Heath (UNITED KINGDOM), J. Jonas (GERMANY), J.H.K. Liu (USA), D. Mackey (AUSTRALIA), A. Sit (USA), A.Wells (NEW ZEALAND)

4.00-5.00 p.m. Room 353

C14 Glaucoma patient organizations (how to organize, interact with GPO)

Chair: G.N. Lambrou (GREECE)

4.00-5.00 p.m. Room 352B

C06 Trabeculectomy pearls and pitfalls

Chairs: F. El Sayyad (EGYPT), R. Ramakrishnan (INDIA)

Speakers: L. Al Aswad (SYRIA), F. El Sayyad (EGYPT), N. Pfeiffer (GERMANY), R. Ramakrishnan (INDIA)

4.00-5.00 p.m. Room 352A

C20 Principles of medical therapy in glaucoma practice

Chairs: R. Fechtner (USA), J. Thygesen (DENMARK), A. Hommer (AUSTRIA)

Speakers: R. Fechtner (USA), A. Hommer (AUSTRIA), Y. Lachkar (FRANCE), L. Schmetterer (AUSTRIA), H. Tanihara (JAPAN), J. Thygesen (DENMARK)

4.00-5.00 p.m. Room 351

C11 Trabeculectomy-optimizing outcomes

Chairs: K. Barton (UNITED KINGDOM), C. Baudouin (FRANCE)

Speakers: K. Barton (UNITED KINGDOM), C. Baudouin (FRANCE), T. Eke (UNITED KINGDOM), C.L. Ho (SINGAPORE), E.U. Leuenberger (PHILIPPINES)

4.00-6.00 p.m. Room 361

'GOING BLIND' - A film by Joe Lovett, followed by questions and answers with Joe Lovett

'QUILTING BY HAND' - A film about Diane Rose by Texas Country Reporter

THURSDAY JUNE 30, 2011

4.00-5.00 p.m. Room 364

C41 Identification of genes responsible for ocular quantitative traits as risk factors for glaucoma

Chairs: D. Mackey (AUSTRALIA), C. Pang (HONG KONG), J. Craig (AUSTRALIA)

Speakers: F. Jonasson (ICELAND), W. Ramdas (THE NETHERLANDS), P. Sanfilippo (AUSTRALIA),

5.00-6.00 p.m. Grand Amphitheatre

C18 Imaging 2: Progression and management

Chairs: C.K.S. Leung (HONG KONG), J.S. Schuman (USA)

Speakers: M. Fingeret (USA), M. Hangai (JAPAN), H.G. Lemij (THE NETHERLANDS), F. Medeiros (USA), G. Wollstein (USA)

5.00-6.00 p.m. Room Bordeaux

C13 Glaucoma drainage devices-part 2

Chairs: J. Freedman (USA), A. Molteno (NEW ZEALAND)

Speaker: J. Freedman (USA), S.J. Gedde, A. Molteno (USA)

5.00-6.00 p.m. Room Havane

French Glaucoma Society Courses: Functional progression in glaucoma

Chairs: F. Valtot (FRANCE), F. May (FRANCE)

5.00-6.00 p.m. Room 341

C02 Electrophysiology and glaucoma diagnosis

Chair: S. Graham (AUSTRALIA)

Speakers: C. Bowd (USA), B. Fortune (USA), S. Graham (AUSTRALIA)

5.00-6.00 p.m. Room 342A

C05 Laser surgery for OAG

Chairs: L.J. Katz (USA), M. Wand (USA)

Speakers: J. Alvarado (USA), L.J. Katz (USA), M.A. Latina (USA), J. McAllister (UNITED KINGDOM), G.D. McLaren (SOUTH AFRICA), J. Myers (USA), M. Wand (USA)

5.00-6.00 p.m. Room 342B

C07 Clinical trials and evidence-based glaucoma

Chairs: W.J. Feuer (USA), L. Sakata (BRAZIL)

Speakers: T. Aung (Singapore), D.L. Budenz (USA), C.G. De Moraes (USA), W.J. Feuer (USA), L. Sakata (BRAZIL)

Organized by The Hippocrates Glaucoma Foundation

THURSDAY JUNE 30, 2011

5.00-6.00 p.m. Room 343

C15 Glaucoma health economics

Chairs: A. Tuulonen (FINLAND), S. Kymes (USA)

Speakers: J. Burr (UNITED KINGDOM), R. George (INDIA), S. Kymes (USA), A. Tuulonen (FINLAND)

5.00-6.00 p.m. Room 353

C24 Experimental models in glaucoma

Chairs: J.G. Crowston (AUSTRALIA), J.E. Morgan (UNITED KINGDOM)

Speakers: J.G. Crowston (AUSTRALIA), P.L. Kaufman (USA), K. Martin (UNITED KINGDOM), J.E. Morgan (UNITED KINGDOM), C. O'Brien (IRELAND), C.B. Toris (USA)

5.00-6.00 p.m. Room 352B

C09 Clinical optic disc evaluation

Chairs: J. Jonas (GERMANY), M. Nicolela (CANADA)

Speakers: A. Bron (FRANCE), D. Garway-Heath (UNITED KINGDOM), J. Jonas (GERMANY), F. Medeiros (USA), M. Nicolela (CANADA)

5.00-6.00 p.m. Room 352A

C23 Glaucoma therapies and ocular surface disease

Chairs: R. Noecker (USA), M. Kahook (USA), R. Bourne (UNITED KINGDOM)

Speakers: C. Baudouin (FRANCE), R. Fechtner (USA), M. Kahook (USA), R. Noecker (USA), M. Sherwood (USA)

5.00-6.00 p.m. Room 351

C16 How to detect and confirm progression and use it to manage glaucoma

Chairs: B. Chauhan (CANADA), A. Heijl (SWEDEN)

Speakers: B. Bengtsson (SWEDEN), D. Garway-Heath (UNITED KINGDOM), K. Kashiwagi (JAPAN), B.E. Prum (USA), G. Tomita (JAPAN), L. Zangwill (USA)

6.00-7.00 p.m. Room Bordeaux

This symposium is sponsored by EyeTechCare

UC³: One giant step in glaucoma...

Chairs: S. Melamed (ISRAEL), E. Sellem (FRANCE)

HIFU: Technology that may change surgery

G. ter Haar (UNITED KINGDOM)

THURSDAY JUNE 30, 2011

Glaucoma: From a patient's perspective

D. Wright (UNITED KINGDOM)

UC³: From theory to therapy

F. Aptel (FRANCE)

EyeOP1 device: First outcomes from human trials

P. Denis (FRANCE)

How technology can improve the standard of care in glaucoma surgery

T. Shaarawy (SWITZERLAND)

6.00-7.00 p.m. Hotel Concorde La Fayette (next to the Palais des Congrès)

This symposium is sponsored by Alcon

Advances in glaucoma surgery: New evidence in filtration surgery

Chair: I. Goldberg (AUSTRALIA)

What is the EX-PRESS® Glaucoma filtration device and how is it different than a traditional trabeculectomy?

R. Fechtner (USA)

Improving the efficacy and predictability of filtration surgery with the EX-PRESS® Glaucoma filtration device – New 5 year study results comparing EX-PRESS® vs. trabeculectomy

L. de Jong (THE NETHERLANDS)

Final report from a novel 30 months RCT comparing the EX-PRESS® glaucoma filtration device to trabeculectomy in fellow eyes of the same patient

E. Dahan (ISRAEL)

Improving patient visual recovery in filtration surgery: Results from a newly published study on the EX-PRESS® Glaucoma filtration device

M. Kahook (USA)

The tips and pearls of using the EX-PRESS® Glaucoma filtration device

M. Moster (USA)

FRIDAY JULY 1, 2011

7.00-7.55 a.m. **Room 341**

This symposium is sponsored by AEON ASTRON EUROPE B.V.

Can MMC Be Replaced: Collagen Matrix for Eye Tissue Repair

Opening

M. Lai (AEON ASTRON EUROPE B.V.)

Introduction of ologen® Collagen Matrix

J. Lin (AEON ASTRON EUROPE B.V.)

Biodegradable collagen matrix implant vs. mitomycin-C as an adjuvant in trabeculectomy: A two-year randomized clinical trial

S. Cillino (ITALY)

Trabeculectomy with ologen® and MMC

J. Lai (HONG KONG)

Trab with ologen®: The practical tips for the better outcome and the Indian experience

P. Sathyan (INDIA)

7.00-7.55 a.m. **Room 343**

This symposium is sponsored by Anteis

Three years of various clinical experiences using a crosslinked sodium hyaluronate implant in filtering surgery

Chair: A. Mermoud (SWITZERLAND)

Effect of injectable cross-linked sodium hyaluronate in trabeculectomy

N. Wang (CHINA)

Healaflow in deep sclerectomy

P. Bettin (ITALY)

Healaflow in difficult cases

A. Mermoud (SWITZERLAND)

'Healaflow and Express' / Healaflow and choroidal detachment management

E. Dahan (ISRAEL)

Healaflow: Clinical results

S. Roy (SWITZERLAND)

FRIDAY JULY 1, 2011

GLAUCOMA SURGERY DAY

8.00 a.m.-6.30 p.m. Grand Amphitheatre

Chairs: F. Grehn (GERMANY), R.N. Weinreb (USA)

8.00 - 9.00 **Decision-making and laser trabeculoplasty**

9.00 -10.30 **Trabeculectomy**

11.00 -12.00 **Tubes – glaucoma drainage devices**

2.00 - 3.30 **Surgery for open-angle glaucoma**

3.30 - 4.30 **Angle-closure glaucoma**

4.30 - 5.30 **Cataract and refractive surgery in eyes with glaucoma**

5.30 - 6.30 **Childhood glaucoma**

FRIDAY JULY 1, 2011

8.00-9.00 a.m. **Grand Amphitheatre**

WGA SURGERY DAY: Decision-making and laser trabeculoplasty

Chairs: M. Araie (JAPAN), N. Pfeiffer (GERMANY), R. Thomas (AUSTRALIA)

- 8.00-8.06 **Prevalence of worldwide glaucoma surgery**
K. Mansouri (USA)
- 8.06-8.12 **Indications for surgery**
E.Z. Blumenthal (ISRAEL)
- 8.12-8.18 **Pre-operative evaluation**
T. Dada (INDIA)
- 8.18-8.24 **Reporting of surgical trials**
T. Shaarawy (SWITZERLAND)
- 8.24-8.30 **Long-term results and clinical implications**
L.J. Katz (USA)
- 8.30-8.36 **Argon vs. selective: Efficacy and repeatability**
A.D. Realini (USA)
- 8.36-8.42 **Should LTP be first-line therapy?**
F. Topouzis (GREECE)

8.00-8.45 a.m. **Room Bordeaux**

S26 Normal-tension glaucoma: Diagnosis and treatment

Chairs: G. D'Mellow (AUSTRALIA), T. Yamamoto (JAPAN), T. Krupin (USA)

- 8.00-8.08 **Is NTG a different entity than POAG?**
R. Wilson (USA)
- 8.08-8.16 **CSF pressure, perfusion pressure, and IOP across the Lamina cribrosa**
J. Jonas (GERMANY)
- 8.16-8.24 **Is structural and functional rate of progression in NTG different from HTG?**
F. Medeiros (USA)
- 8.24-8.32 **Should NTG be treated differently from HTG? PRO**
T. Yamamoto (JAPAN)
- 8.32-8.40 **Should NTG be treated differently from HTG? CON**
G. D'Mellow (AUSTRALIA)

FRIDAY JULY 1, 2011

8.00-8.45 a.m. Room Havane

S07 IOP measurements: Present and future

Chairs: A. Sit (USA), D. Garway-Heath (UNITED KINGDOM), G. Spaeth (USA)

- 8.00-8.08 **The need for better IOP measurements**
R. Pérez Grossman (PERU)
- 8.08-8.16 **Measurement of IOP in office-new developments**
S. Asrani (USA)
- 8.16-8.24 **Ocular biomechanical properties and IOP**
C.K.S. Leung (HONG KONG)
- 8.24-8.32 **Home tonometry**
M. Fingeret (USA)
- 8.32-8.40 **Measurement of 24-hour IOP**
J.H.K. Liu (USA)

8.45-9.30 a.m. Room Bordeaux

S10 Ocular blood flow (perfusion and WGA consensus)

Chairs: A. Harris (USA), M. Araie (JAPAN), J. Flammer (SWITZERLAND)

- 8.45-8.52 **WGA ocular blood flow consensus review**
I. Januleviciene (LITHUANIA)
- 8.52-8.59 **Ocular blood flow measurements and technologies**
G. Michelson (GERMANY)
- 8.59-9.06 **Ocular perfusion pressure and blood flow deficits in glaucoma**
V.P. Costa (BRAZIL)
- 9.06-9.13 **Systemic vascular abnormalities and glaucoma**
M. Araie (JAPAN)
- 9.13-9.20 **Structure and functional correlates to altered ocular blood flow and perfusion**
R.N. Weinreb (USA)
- 9.20-9.27 **Can ocular blood flow be managed?**
J. Piltz-Seymour (USA)

8.45-9.30 a.m. Room Havane

S12 New ideas in medical treatment

Chairs: A. Azuara Blanco (UNITED KINGDOM), M. Diestelhorst (GERMANY), H.G. Lemij (THE NETHERLANDS)

- 8.45-8.53 **Introduction**
A. Azuara Blanco (UNITED KINGDOM)

FRIDAY JULY 1, 2011

- 8.53-9.01 **Interventions to improve adherence**
M. Sherwood (USA)
- 9.01-9.09 **New targets for glaucoma treatment**
P.T. Khaw (UNITED KINGDOM)
- 9.09-9.17 **Novel delivery methods and devices**
R. Varma (USA)
- 9.17-9.25 **The impact of 24-hour intraocular pressure measurements on glaucoma care**
A. Sit (USA)

9.00 a.m.-4.45 p.m. Room 362 + 363

WGC FILM FESTIVAL

Please see page 64 for the list of videos to be shown.

9.30-10.15 a.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

9.00-10.30 a.m. Grand Amphitheatre

WGA SURGERY DAY: Trabeculectomy

Chairs: F. Grehn (GERMANY), N. Gupta (CANADA), Y. Lachkar (FRANCE)

- 9.00-9.03 **How I do it (3 min videos)**
N. Pfeiffer (GERMANY)
- 9.03-9.06 **How I do it (3 min videos)**
N. Loewen (USA)
- 9.06-9.14 **Long-term results and clinical implications**
J.M. Liebmann (USA)
- 9.14-9.22 **Primary surgery: MMC vs. 5-FU**
T. Wong (SINGAPORE)
- 9.22-9.30 **Fornix- vs. limbus-based flaps**
C.E. Traverso (ITALY)
- 9.30-9.38 **Minimizing early hypotony**
N. Pfeiffer (GERMANY)
- 9.38-9.46 **Late complications**
S.F. Lerner (ARGENTINA)

10.15-11.00 a.m. Room Bordeaux

S30 The most exciting contributions to glaucoma in the last five years

Chairs: S. Melamed (ISRAEL), P. Chew (SINGAPORE), J.S. Schuman (USA)

- 10.15-10.23 **High-resolution imaging for glaucoma**
J.C. Fujimoto (USA)

FRIDAY JULY 1, 2011

- 10.23-10.31 **Glaucoma affects both eye and brain**
R.N. Weinreb (USA)
- 10.31-10.39 **The development of useful models of glaucoma**
J. Danias (USA)
- 10.39-10.47 **The expanding use of glaucoma drainage devices**
K. Barton (UNITED KINGDOM)
- 10.47-10.55 **In-vivo visualization of retinal ganglion cells**
F. Cordeiro (UNITED KINGDOM)

10.15-11.00 a.m. **Room Havane**

S14 Genetics (research, clinical applications)

Chairs: J. Wiggs (USA), S. Chakrabartha (INDIA), F. Jonasson (ICELAND)

- 10.15-10.23 **Genome-wide association studies for primary open-angle glaucoma**
J. Craig (AUSTRALIA)
- 10.23-10.31 **Identification of genes responsible for ocular quantitative traits as risk factors for glaucoma**
D. Mackey (AUSTRALIA)
- 10.31-10.39 **Gene-gene and gene-environment interactions in glaucoma**
L.R. Pasquale (USA)
- 10.39-10.47 **Genome-wide association studies in congenital glaucoma**
S. Chakrabartha (INDIA)
- 10.47-11.00 **Panel discussion**
J. Wiggs (USA)

11.00 a.m.-12.00 p.m. **Grand Amphitheatre**

WGA SURGERY DAY: Tubes - glaucoma drainage devices

Chairs: K. Barton (UNITED KINGDOM), K. Singh (USA) R. Susanna (BRAZIL)

- 11.00-11.08 **How I do it – GDD**
J. Freedman (USA)
- 11.08-11.16 **Long-term results and clinical implications**
S.J. Gedde (USA)
- 11.16-11.24 **Enhancing efficacy: plate size and anti-fibrosis therapy**
A. Molteno (NEW ZEALAND)
- 11.24-11.32 **Minimizing early hypotony**
R. Feldman (USA)
- 11.32-11.40 **Implant location: Superior vs. inferior and angle vs. sulcus vs. pars plana**
K. Barton (UNITED KINGDOM)

FRIDAY JULY 1, 2011

11.00-11.45 a.m. Room Bordeaux

S06 Myths and misconceptions in glaucoma

Chairs: R. Susanna (BRAZIL), R.A. Hitchings (UNITED KINGDOM), J.S. Schuman (USA)

- 11.00-11.08 **Myths and misconceptions in IOP evaluation**
F. Medeiros (USA)
- 11.08-11.16 **Myths and misconceptions in visual-field progression**
B. Chauhan (CANADA)
- 11.16-11.24 **Myths and misconception in glaucoma treatment**
M. Kahook (USA)
- 11.24-11.32 **Myths and misconceptions about the risks of glaucoma surgery**
E. Dahan (ISRAEL)
- 11.32-11.40 **Myths and misconceptions about glaucoma blindness**
R.S. Parikh (INDIA)

11.00-11.45 a.m. Room Havane

S15 Free Papers

Chairs: A. Böhm (GERMANY), A. Anton Lopez (SPAIN), E. Sellem (FRANCE)

- 11.00-11.06 FP01 **The velocity of visual-field progression in eyes with optic-disc hemorrhages in the Ocular Hypertension Treatment Study**
C.G. De Moraes (USA)
- 11.06-11.12 FP02 **Corneal sensitivity in patients treated for glaucoma or ocular hypertension**
C. Van Went (FRANCE)
- 11.12-11.18 FP03 **Mitochondrial damage in the trabecular meshwork of glaucomatous patients**
R. Micale (ITALY)
- 11.18-11.24 FP04 **Assessment of retinal and optic nerve head biomarkers for prediction of the circumpapillary retinal nerve fiber profile**
I. Pereira (AUSTRIA)
- 11.24-11.30 FP05 **Non-invasive three dimensional (3D) spectral domain optical coherence tomography (SDOCT) casting of the aqueous outflow system**
L. Kagemann (USA)
- 11.30-11.36 FP06 **Socio-demographic factors that impact on cost of care for incident open-angle glaucoma**
D. Musch (USA)

FRIDAY JULY 1, 2011

PLENARY LUNCH SYMPOSIUM

12.00-1.00 p.m. Grand Amphitheatre
Discover a PGA Fixed Combination without BAK

Chair: I. Goldberg (Australia)

PG Combinations: A good choice for treatment?

P. Denis (FRANCE)

Clinical results of DuoTrav fixed combination

N. Pfeiffer (GERMANY)

Benefits of topical IOP lowering medication without BAK

M. Kahook (USA)

What can an ophthalmoscopic evaluation of the optic disc tell you?

R. Susanna (BRAZIL)

Panel discussion

This symposium is sponsored by Alcon

Boxed lunches provided following the symposium

1.00-2.00 p.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

2.00-3.30 p.m. Grand Amphitheatre
WGA SURGERY DAY: Surgery for open-angle glaucoma

Chairs: R.N. Weinreb (USA), S. Melamed (ISRAEL), N. Wang (CHINA)

2.00-2.06 **Endocyclophotocoagulation**

S. Lin (USA)

2.06-2.12 **Non-penetrating surgery**

A. Mermoud (SWITZERLAND)

2.12-2.18 **Canaloplasty**

T. Klink (GERMANY)

2.18-2.24 **Short tube implants**

A. Tanna (USA)

2.24-2.30 **Trabeculectomy**

K. Singh (USA)

2.30-2.36 **Trabecular bypass shunts**

A. Sit (USA)

FRIDAY JULY 1, 2011

- 2.36-2.42 **Shunts to uveoscleral outflow pathway**
C. Tello (USA)
- 2.42-2.48 **Trabectome**
S.S. Mosaed (USA)
- 2.48-2.54 **C02 Laser-assisted sclerectomy**
S. Melamed (ISRAEL)
- 2.54-3.00 **Ethical considerations for use of new surgical procedure**
G. Spaeth (USA)

2.00-3.30 p.m. Room Bordeaux

S20 Decision-making, improving patient outcomes in glaucoma

Chairs: J.M. Liebmann (USA), N. Pfeiffer (GERMANY), H. Tanihara (JAPAN)

- 2.00-2.03 **Introduction**
J.M. Liebmann (USA), N. Pfeiffer (GERMANY), H. Tanihara (JAPAN)
- 2.03-2.11 **Life-expectancy considerations in glaucoma diagnosis and management**
A. Tuulonen (FINLAND)
- 2.11-2.19 **Does early diagnosis or early treatment improve patient outcomes?**
A. Shrivastava (USA)
- 2.19-2.27 **Factors related to progression of established glaucoma**
N. Radcliffe (USA)
- 2.27-2.35 **What is the best way to detect structural progression in clinical practice?**
D. Garway-Heath (UNITED KINGDOM)
- 2.35-2.43 **What is the best way to detect functional progression in clinical practice?**
A. Viswanathan (UNITED KINGDOM)
- 2.43-2.51 **What is the best way to choose the optimal treatment modality; medical, laser or surgical?**
A. Wells (NEW ZEALAND)
- 2.51-2.59 **When does Glaucoma damage impact the quality of life?**
P. Ramulu (USA)
- 2.59-3.24 **Discussion**
- 3.24-3.30 **Conclusion**
J.M. Liebmann (USA), N. Pfeiffer (GERMANY), H. Tanihara (JAPAN)

FRIDAY JULY 1, 2011

2.00-4.00 p.m. Room Havane

French Glaucoma Society Session: Glaucoma surgical treatments

Chairs: E. Sellem (FRANCE), J.P. Nordmann (FRANCE)

- 2.00-2.10 **Ocular hypertension and penetrating keratoplasty**
C. Allouch (FRANCE)
- 2.10-2.20 **Lens and closed-angle glaucoma**
J.P. Nordmann (FRANCE)
- 2.20-2.30 **How to manage cataract in your glaucomatous patients?**
A. Bastelica (FRANCE)
- 2.30 2.40 **The filtration blebs imagery**
A. Labbé (FRANCE)
- 2.40-2.50 **Glaucoma surgery anesthesia**
C. Ubaud (FRANCE)
- 2.50-3.00 **Glaucoma surgery preoperative preparation**
J. Laloum (FRANCE)
- 3.00-3.10 **Sutures in glaucoma surgery**
D. Gruber (FRANCE)
- 3.10-3.20 **Complications of non penetrating deep sclerectomy**
Y. Lachkar (FRANCE)
- 3.20-3.30 **Fifteen years follow-up after non-penetrating deep sclerectomy**
F. Valtot (FRANCE)

2.00-2.45 p.m. Room 342A

S16 Conventional and unconventional outflow

Chairs: P.L. Kaufman (USA), M. Johnstone (USA)

- 2.00-2.07 **TM and CM outflow – setting the stage**
P.L. Kaufman (USA)
- 2.07-2.14 **Lymphatics in the CM**
N. Gupta (CANADA)
- 2.14-2.21 **Genetic manipulation of outflow, both pathways**
P.L. Kaufman (USA)
- 2.21-2.28 **WNT signaling in the TM – a regulator and a therapeutic target?**
A. Clark (USA)
- 2.28-2.35 **RK inhibitors – a crowded neighborhood?**
D. Epstein (USA)
- 2.35-2.42 **Building a new TM**
J. Tan (UNITED KINGDOM)

FRIDAY JULY 1, 2011

2.45-3.30 p.m. Room 342A

S27 Glaucoma management in the developing world

Chairs: L.W. Herndon (USA), R. Sihota (INDIA), K. Ben Amor (TUNISIA)

- 2.45-2.53 **Glaucoma education in developing countries**
R. Sihota (INDIA)
- 2.53-3.01 **Screening modalities in developing countries**
J.E. Standefer (USA)
- 3.01-3.09 **Best treatment choices in developing countries**
L. Vijaya (INDIA)
- 3.09-3.17 **Enhancing public awareness of glaucoma in developing countries**
E. Ancker (SOUTH AFRICA)

3.30-4.00 p.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

3.30-4.30 p.m. Grand Amphitheatre

WGA SURGERY DAY: Angle-closure glaucoma

Chairs: D. Lam (HONG KONG), J. Thygesen (DENMARK), D. Kim (KOREA)

- 3.30-3.38 **Acute angle closure**
M. He (CHINA)
- 3.38-3.46 **Cataract extraction as a viable primary surgical procedure**
C.C.Y. Tham (HONG KONG)
- 3.46-3.54 **Role and techniques for goniosynechialysis**
C. Teekhasaenee (THAILAND)
- 3.54-4.02 **Special considerations for trabeculectomy and tubes**
P. RojanaPongpun (THAILAND)

4.00-5.00 p.m. Room Bordeaux

C10 Primary angle closure: Diagnosis and treatment

Chair: W. Nolan (UNITED KINGDOM)

Speakers: M. He (CHINA), G. Gazzard (UNITED KINGDOM), W. Nolan (UNITED KINGDOM), N. Wang (CHINA), H.T. Wong (SINGAPORE)

4.00-5.00 p.m. Room Havane

French Glaucoma Society Courses: Structural progression in glaucoma

Chairs: H. Bressont Dumont (FRANCE), D. Sirbat (FRANCE)

FRIDAY JULY 1, 2011

4.00-5.00 p.m. Room 341

C26 Blood flow and aqueous flow in glaucoma

Chairs: M. Araie (JAPAN), A. Harris (USA)

Speakers: M. Araie (JAPAN), A. Harris (USA), M. Honjo (JAPAN), M. Inatani (JAPAN), K. Sugiyama (JAPAN)

4.00-5.00 p.m. Room 342A

C25 Gonioscopy and imaging for anterior chamber and angle evaluation

Chairs: T. Dada (INDIA), D. Friedman (USA)

Speakers: T. Dada (INDIA), M. He (CHINA), D. Friedman (USA)

4.00-5.00 p.m. Room 342B

C29 Cyclophotocoagulation: Why, when and how?

Chairs: S. Lin (USA), P. Bloom (UNITED KINGDOM)

Speaker: P. Bloom (UNITED KINGDOM), M. Kahook (USA), S. Lin (USA)

4.00-5.00 p.m. Room 343

C31 Understanding the genetic basis of glaucoma: its role in clinical practice

Chairs: J. Wiggs (USA), D. Mackey (AUSTRALIA)

Speakers: S. Chakrabarthi (INDIA), J. Craig (AUSTRALIA), D. Mackey (AUSTRALIA), C. Pang (HONG KONG), J. Wiggs (USA)

4.00-5.00 p.m. Room 353

C37 Management of complex glaucomas

Chair: R. Susanna (BRAZIL), I. Goldberg (AUSTRALIA)

Speakers: Z. Burgansky-Eliash (ISRAEL), S.K. Fang (MALAYSIA), T. Howden (SINGAPORE), D.E. Grigera (ARGENTINA), T. Shaarawy (SWITZERLAND)

4.00-5.00 p.m. Room 352B

C32 Interpretation of visual fields: Detection (diagnosis and selective tests)

Chairs: F.J. Goñi (SPAIN), C.A. Johnson (USA), R.S. Harwerth (USA)

Speakers: J. Flanagan (CANADA), R.S. Harwerth, C.A. Johnson (USA), R.L. Stamper (USA)

FRIDAY JULY 1, 2011

4.00-5.00 p.m. Room 352A

C38 Free Papers

Chairs: S. Melamed (ISRAEL), C. Matsumoto (JAPAN), L. Sakata (BRAZIL)

- 4.00-4.06 FP07 **Morphological changes of lateral geniculate nucleus in patients with primary open-angle glaucoma: a 3.0T magnetic resonance imaging study**
Z. Chen (CHINA)
- 4.06-4.12 FP08 **Ocular surface changes in glaucoma patients treated with fixed combinations of prostaglandines / timolol 0.5%**
H. Russ (BRAZIL)
- 4.12-4.18 FP09 **Measurement of TNF-alpha, Interleukin-6, FasL, Interleukin-1 alpha and Interleukin-1 beta in the aqueous humor of patients with open-angle glaucoma using multiplex bead analysis**
G. Mossboeck (AUSTRIA)
- 4.18-4.24 FP10 **Effectivity of the Baerveldt glaucoma implant in patients with secondary glaucoma due to uveitis**
A. Tan (THE NETHERLANDS)
- 4.24-4.30 FP11 **Multi-center glaucoma screening in Israel during the 2010 World Glaucoma Day**
R. Neshet (ISRAEL)
- 4.30-4.36 FP12 **Combining structural and functional measurements to improve detection of glaucoma progression using Bayesian hierarchical models**
F. Medeiros (USA)

4.00-5.00 p.m. Room 351

C21 Emerging glaucoma surgery-1 (ab interno)

Chair: D.J. Rhee (USA)

Speakers: M. Berlin (USA), V.P. Costa (BRAZIL), E. Dahan (ISRAEL), R. George (INDIA), F. Grehn (GERMANY), S.Y. Jea (KOREA), C.K.S. Leung (HONG KONG), T. Samuelson (USA), T. Shaarawy (SWITZERLAND), S. Vold (USA)

4.00-5.00 p.m. Room 361

C34 Stereoscopic optic disc viewing: Top-ten pitfalls in identifying glaucoma damage and progression

Chair: A.H. Zalta (USA)

Speakers: K. Kashiwagi (JAPAN), G. Tomita (JAPAN), L. Wang (CHINA)

FRIDAY JULY 1, 2011

4.30-5.30 p.m. **Grand Amphitheatre**

WGA SURGERY DAY: Cataract and refractive surgery in eyes with glaucoma

Chairs: A.S. Crandall (USA), J.P. Nordmann (FRANCE), I. Goldberg (AUSTRALIA)

- 4.30-4.36 **How I do it: Combined procedure**
S.F. Lerner (ARGENTINA)
- 4.36-4.42 **How I do it: Combined procedure**
M. Aihara (JAPAN)
- 4.42-4.48 **Indications for a combined procedure and which one**
R.L. Fellman (USA)
- 4.48-4.54 **Small pupil techniques**
A.S. Crandall (USA)
- 4.54-5.00 **Multifocal lenses? Toric lenses?**
S. Vold (USA)
- 5.00-5.06 **IOL calculations in hyperopic eyes**
W. Haigis (GERMANY)
- 5.06-5.12 **Management of astigmatism in eyes with glaucoma**
T. Samuelson (USA)
- 5.12-5.18 **Surgical management of the loose lens**
N. Loewen (USA)

5.00-6.00 p.m. **Room Bordeaux**

C19 Secondary angle closure: Diagnosis and management

Chairs: G. Gazzard (UNITED KINGDOM), L. Vijaya (INDIA), S. Asawaphureekorn (THAILAND)
Speakers: S. Asawaphureekorn (THAILAND), G. Gazzard (UNITED KINGDOM), H. Sakai (JAPAN), L. Vijaya (INDIA)

5.00-6.00 p.m. **Room Havane**

French Glaucoma Society Courses: Gonioscopy

Chairs: Y. Lachkar (FRANCE), J. Laloum (FRANCE)

5.00-6.00 p.m. **Room 341**

C27 Neuroprotection and apoptosis of retinal ganglion cells related to glaucoma

Chairs: N. Gupta (CANADA), K. Martin (UNITED KINGDOM), H. Quigley (USA), T. Nakazawa (JAPAN)
Speakers: F. Cordeiro (UNITED KINGDOM), D.S. Greenfield (USA), M. Schwartz (ISRAEL), J.C. Tsai (USA)

FRIDAY JULY 1, 2011

5.00-6.00 p.m. Room 342A

C28 Decision-making after failed trabeculectomy

Chairs: R. Carassa (ITALY), S.J. Gedde (USA)

Speakers: K. Barton (UNITED KINGDOM), Y.M. Buys (CANADA), S.J. Gedde (USA), K. Ishida (JAPAN)

5.00-6.00 p.m. Room 342B

C30 Modulating wound healing in glaucoma surgery

Chairs: R.K. Parrish (USA), P.T. Khaw (UNITED KINGDOM), F. Grus (GERMANY)

Speakers: M. Kahook (USA), P.T. Khaw (UNITED KINGDOM), D. Lu (TAIWAN), P.A. Netland (USA), R.K. Parrish (USA), R. Pérez Grossman (PERU)

5.00-6.00 p.m. Room 343

C36 Managing cataract and glaucoma: Surgical management of co-existing cataract and glaucoma

Chairs: D. Lam (HONG KONG), A.S. Crandall (USA), R. Fechtner (USA)

Speakers: A. S. Crandall (USA), R. Fechtner (USA), D. Lam (HONG KONG), C.C.Y. Tham (HONG KONG)

5.00-6.00 p.m. Room 353

C40 Alternative glaucoma therapies

Chair: N. Radcliffe (USA)

Speakers: A. Shrivastava (USA), S. Fernando Sieminski (USA)

5.00-6.00 p.m. Room 352B

C33 Interpretation of visual fields: Progression (rates, event vs. trend)

Chairs: F.J. Goñi (SPAIN), A. Johnson (USA)

Speakers: M. Fingeret (USA), J. Flanagan (USA), A. Iwase (JAPAN), R.L. Stamper (USA)

5.00-6.00 p.m. Room 352A

C39 Free Papers

Chairs: S. Chakrabarthi (INDIA), R. Johnston (USA), J.S. Schuman (USA)

5.00-5.06 FP13 **300° Selective laser trabeculoplasty in pseudoexfoliative and primary open-angle glaucoma: A prospective clinical trial**

P. Pasi Pehkonen (FINLAND)

5.06-5.12 FP14 **Changes of intraocular pressure after intravitreal injection of bevacizumab (Avastin)**

O. Geyer (ISRAEL)

FRIDAY JULY 1, 2011

- 5.12-5.18 FP15 **The Trabectome-clinical results and glaucoma subgroup analysis**
J. Jordan (GERMANY)
- 5.18-5.24 FP16 **The contribution of retinal vasculature to spectral domain optical coherence tomography retinal nerve fiber layer scans in normal and glaucoma eyes**
N. Patel (USA)
- 5.24-5.30 FP17 **The intraocular pressure-reducing effect of oral paracetamol – a pilot study**
D. Meyer (NEW ZEALAND)
- 5.30-5.36 FP18 **Temporal relationships of clinical signs of glaucomatous neuropathy**
R.S. Harwerth (USA)

5.00-6.00 p.m. Room 351

C22 Emerging glaucoma surgery-2 (ab externo)

Chairs: T. Shaarawy (SWITZERLAND)

Speakers: M. Nardi (ITALY), R. Noecker (USA), T. Shaarawy (SWITZERLAND), C. Tello (USA)

5.00-6.00 p.m. Room 361

C35 Exfoliation syndrome and exfoliation glaucoma

Chairs: A.G.P. Konstas (GREECE), G. Holló (HUNGARY)

5.30-6.30 p.m. Grand Amphitheatre

WGA SURGERY DAY: Childhood glaucoma

Chairs: P.T. Khaw (UNITED KINGDOM), J.D. Brandt (USA), A.K. Mandal (INDIA)

- 5.30-5.36 **Examination and medical treatment**
E. Maul (CHILE)
- 5.36-5.42 **Primary surgical approach**
T.C. Chen (USA)
- 5.42-5.48 **When initial surgery is unsuccessful**
P.T. Khaw (UNITED KINGDOM)
- 5.48-5.54 **Long-term results and visual outcome**
A.K. Mandal (INDIA)
- 5.54-6.00 **Secondary glaucoma after congenital cataract surgery**
A.D. Beck (USA)
- 6.00-6.06 **Ongoing management**
J.D. Brandt (USA)
- 6.25-6.30 **Concluding comments**
R.N. Weinreb (USA), F. Grehn (GERMANY)

8.00 p.m. WGC CONGRESS DINNER AT THE PAVILLON D'ARMENONVILLE

Organized by The Hippocrates Glaucoma Foundation

SATURDAY JULY 2, 2011

8.00- 11.45 a.m. Room 362 + 363

WGC FILM FESTIVAL

Please see page 67 for the list of videos to be shown

8.00-9.30 a.m. Grand Amphitheatre

S02 Advances in imaging technology and application (detection, progression, technology, risk assessment)

Chairs: J.S. Schuman (USA), M. Hangai (JAPAN), F. Medeiros (USA)

- 8.00-8.08 **Imaging technologies for the assessment of structure and function in glaucoma**
J.C. Fujimoto (USA)
- 8.08-8.16 **Is detecting disease different than measuring change?**
A. Manassakorn (THAILAND)
- 8.16-8.24 **Predicting glaucoma development**
L. Zangwill (USA)
- 8.24-8.32 **Glaucoma detection using GCC thickness on SD-OCT**
M. Vizzeri (USA)
- 8.32-8.40 **Detecting progression**
E.M. Hoffmann (GERMANY)
- 8.40-8.48 **Going beyond the OCT scanning circle**
K. Sung (KOREA)
- 8.48-8.56 **Apoptotic RGC imaging**
F. Cordeiro (UNITED KINGDOM)

8.00-9.30 a.m. Room Bordeaux

S35 Glaucoma and coexisting diseases (cornea-DSEK, PKP, keratoprosthesis, retina, ocular surface and inflammation)

Chairs: E.Z. Blumenthal (ISRAEL), A. Iwase (JAPAN), J.C. Tsai (USA)

- 8.00-8.08 **Glaucoma and a previous corneal graft**
D. Lu (TAIWAN)
- 8.08-8.16 **Glaucoma and a coexisting keratoprosthesis**
D.J. Rhee (USA)
- 8.16-8.24 **Glaucoma and active uveitis**
R. Mills (USA)
- 8.24-8.32 **Glaucoma and a silicone-oil filled eye**
S. Best (NEW ZEALAND)
- 8.32-8.40 **Glaucoma and ocular surface disease**
C. Baudouin (FRANCE)

SATURDAY JULY 2, 2011

- 8.40-8.48 **Glaucoma s/p a retinal detachment (buckle/vitreotomy) in need of glaucoma surgery**
C. Kee (KOREA)
- 8.48-8.56 **Glaucoma and no-light-perception (a blind painful eye)**
M.B. Agulto (PHILIPPINES)
- 8.56-9.04 **Intractable glaucoma resulting from an intraocular/peri-ocular corticosteroid injection**
Y.M. Buys (CANADA)

8.00-8.45 a.m. Room Havane

S40 Pediatric glaucoma

Chairs: A.D. Beck (USA), A.K. Mandal (INDIA)

- 8.00-8.08 **Genotype and phenotype correlations in congenital glaucoma**
J. Alvarado (USA)
- 8.08-8.16 **Management of aphakic and pseudophakic glaucoma**
A. D. Beck (USA)
- 8.16-8.24 **360 degree trabeculotomy**
R.L. Fellman (USA)
- 8.24-8.32 **Combined trabeculotomy-trabeculectomy**
A.K. Mandal (INDIA)
- 8.32-8.40 **Glaucoma drainage devices and cyclodeconstruction**
J.D. Brandt (USA)

8.45-9.30 a.m. Room Havane

S19 Managing the failing glaucoma surgery (trabeculectomy, tubes)

Chairs: C.E. Traverso (ITALY), F. El Sayyad (EGYPT)

- 8.45-8.53 **Where to act in the wound healing process**
F. Grehn (GERMANY)
- 8.53-9.01 **How to recognize failing surgery**
D.E. Grigera (ARGENTINA)
- 9.01-9.09 **Trabeculectomy failure: What to do and when**
R. Chang (USA)
- 9.09-9.17 **Tubes failure: What to do and when**
T. Dada (INDIA)

SATURDAY JULY 2, 2011

9.30-10.15 a.m. BREAK AND VISIT TO THE POSTER AREA AND EXHIBITION

10.15-11.45 a.m. Grand Amphitheatre

S13 Cataract and glaucoma surgeries

Chairs: D. Lam (HONG KONG), R. Bellucci (ITALY), T. Samuelson (USA)

- 10.15-10.22 **Diagnosis and management of the cyclodialysis cleft**
J.D. Brandt (USA)
- 10.22-10.29 **Slit-lamp procedures in the management of glaucoma**
P. Palmberg (USA)
- 10.29-10.36 **Non-penetrating trabeculectomy: Tips and pearls**
T. Shaarawy (SWITZERLAND)
- 10.36-10.43 **Results and perspectives of deep sclerectomy with implants after 15 years of practice**
P. Sourdille (FRANCE)
- 10.43-10.50 **Argon laser peripheral iridoplasty**
C. Tello (USA)
- 10.50-10.57 **Phaco-goniosynechialysis**
N. Wang (CHINA)
- 10.57-11.04 **MICS in angle-closure glaucoma**
R. Bellucci (ITALY)
- 11.04-11.11 **Surgery tips for phaco in cases with angle-closure glaucoma**
D. Lam (HONG KONG)
- 11.11-11.18 **Weak zonules, small pupils, and other cataract challenges in glaucoma patients**
A.S. Crandall (USA)
- 11.18-11.25 **Combined phacotrabeculectomy**
K. Singh (USA)
- 11.25-11.32 **EXPRESS implantation in combined phaco and glaucoma**
S. Morselli (ITALY)
- 11.32-11.39 **Ab interno canal stenting procedures**
T. Samuelson (USA)
- 11.39-11.46 **Shunt surgery: Emerging new shunt devices and surgeries**
R.L. Stamper (USA)

10.15-11.00 a.m. Room Bordeaux

S08 Initial treatment for glaucoma: Medical vs. laser vs. surgery

Chairs: N. Pfeiffer (GERMANY), G.D. McLaren (SOUTH AFRICA)

- 10.15-10.23 **Initial medical treatment is best!**
S. Gandolfi (ITALY)
- 10.23-10.31 **Initial laser treatment is best!**
H. Thieme (GERMANY)

SATURDAY JULY 2, 2011

- 10.31-10.39 **Initial trabeculectomy is best!**
F. Grehn (GERMANY)
- 10.39-10.47 **Initial non-penetrating surgery is best!**
F. Valtot (FRANCE)
- 10.47-10.55 **Initial tube-surgery is best!**
G. Baerveldt (USA)
- 10.55-11.00 **Revealing the truth: Panel discussion**

10.15-11.45 a.m. Room Havane

S11 Clinician Scientist Symposium

Chairs: P. Healey (AUSTRALIA), C.K.S. Leung (HONG KONG)

- 10.15-10.23 **Eyedrops....will they be a thing of the past? Sustained drug delivery for lowering IOP**
T. Wong (SINGAPORE)
- 10.23-10.31 **Some novel methodologies for glaucoma studies and risk calculation**
F. Medeiros (USA)
- 10.31-10.39 **RCT of glaucoma screening**
J. Burr (UNITED KINGDOM)
- 10.39-10.47 **Lens extraction for angle closure: A public health perspective**
C.C.Y. Tham (HONG KONG)
- 10.47-10.55 **Neuroprotective vaccines for glaucoma**
M. Schwartz (ISRAEL)
- 10.55-11.03 **Deep optic nerve head imaging-implications for progression and biomechanics**
N. Strouthidis (UNITED KINGDOM)

11.00-11.45 a.m. Room Bordeaux

S33 Glaucoma: The patient's angle (WGPA, patient perspective)

Chairs: I. Goldberg (AUSTRALIA), G.N. Lambrou (GREECE), E. Ancker (SOUTH AFRICA)

- 11.00-11.08 **Glaucoma as Dis-Ease**
G. Spaeth (USA)
- 11.08-11.16 **Quality of life for glaucoma patients**
P. Ramulu (USA)
- 11.16-11.24 **Adherence and perseverance challenges in glaucoma therapy**
E. Ancker (SOUTH AFRICA)
- 11.24-11.32 **Patient Support Associations**
G.N. Lambrou (GREECE)
- 11.30-11.40 **World Glaucoma Week: What you can do**
I. Goldberg (AUSTRALIA)