## SCIENTIFIC PROGRAM

**Monday, 26th November**

### MEETING HALL 01

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<td>08:30-09:00</td>
<td>Registrations</td>
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<td>09:00-09:30</td>
<td>Introduction</td>
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<td>09:30-09:50</td>
<td>COFFEE BREAK</td>
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<td>09:50-11:50</td>
<td><strong>KEYNOTE LECTURES</strong></td>
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<td>11:50-13:10</td>
<td><strong>MEETING HALL 01</strong></td>
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<tr>
<td>13:10-13:15</td>
<td>GROUP PHOTO</td>
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<tr>
<td>13:15-14:00</td>
<td>LUNCH BREAK</td>
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<td>14:00-16:00</td>
<td><strong>MEETING HALL 01</strong></td>
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<td>16:00-16:20</td>
<td>COFFEE BREAK</td>
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### MEETING HALL 02

**MEETING HALL 01**

- **Talks On: Retina & its Disorders**
  - Macular Degeneration
  - Retinitis Pigmentosa
  - Macular edema
  - Diabetic Retinopathy
  - Retinal degeneration
  - and uveitis

- **Talks On: Cornea Disorders and Treatments**
  - Corneal Dystrophies
  - Dry Eye
  - Keratoconus
  - Allergic Disease affecting Cornea
  - Keratitis
  - Corneal Infection
  - Corneal Foreign Body removal
  - Reiter Syndrome
  - Congenital clouding of Cornea
  - Iridocorneal Endothelial Syndrome

- **Talks On: Glaucoma**
  - Etiology
  - Open Angle Glaucoma
  - Ocular Hypertension and Miscellaneous Problems
  - Congenital glaucoma
  - Low Pressure Glaucoma
  - Complications and Management of Glaucoma Filtering
  - Plateau Iris Glaucoma
  - Intraocular Tumors and Glaucoma
  - Secondary and Developmental Glaucoma

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<th>Time</th>
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<tr>
<td>09:00-10:30</td>
<td><strong>KEYNOTE LECTURES</strong></td>
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<td>10:30-10:50</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>10:50-12:50</td>
<td><strong>Talks On:</strong> Molecular Diagnostics and Devices</td>
<td><strong>Talks On:</strong> Pediatric Ophthalmology</td>
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<td>Oculoplastic &amp; Orbital Surgery</td>
<td>Pediatric Uveitis</td>
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<td>LASIK Future Advances</td>
<td>Cortical Visual Impairment</td>
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<td>LASEK</td>
<td>Developmental Abnormalities</td>
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<td>Latest Ophthalmic Diagnostics Instruments</td>
<td>Genetic Eye Disease</td>
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<td>Strabismus Surgery</td>
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<td>Glaucoma Surgery</td>
<td>Common Eyelid and orbital disease in children</td>
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<td>Retina Detachment Surgery</td>
<td>Pediatric Cataracts</td>
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<td>Vision Correction Surgery</td>
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<td>Oculoplasty surgery</td>
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<td>Fungal Endophthalmitis</td>
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<td>12:50-13:35</td>
<td><strong>LUNCH BREAK</strong></td>
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<td>13:35-15:55</td>
<td><strong>Talks On:</strong> Neuro Ophthalmology</td>
<td><strong>Talks On:</strong> Optometry and Vision Science</td>
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<td>Neonatal Ocular Examination</td>
<td>Color Vision</td>
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<td>Nystagmus</td>
<td>Measures of Visual Sensation</td>
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<td>Retrochiasmatic Visual Pathways</td>
<td>Cognitive Vision</td>
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<td>Toxic and Nutritional Optic Neuropathy</td>
<td>Oclcluders or Eye patches</td>
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<td>Chronic Progressive External Ophthalmoplegia</td>
<td>Neuro-Visual Therapy</td>
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<td>Anterior Ischemic Optic Neuropathy</td>
<td>Visual Acuity and Visual Field</td>
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<td>Cerebromacular Degeneration</td>
<td>Diplophia</td>
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<td>Diagnostic tools in Neuro-Ophthalmology</td>
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<td>15:55-16:15</td>
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<td>16:15-17:00</td>
<td><strong>MEETING HALL 01:</strong> Poster Presentations</td>
<td><strong>MEETING HALL 01:</strong> Workshop</td>
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<td>Epidemiology in ophthalmology</td>
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<td>Ophthalmology Practice Management Software</td>
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<td>Genetic Practice in Ophthalmology</td>
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<td>Refractive Management/Intervention</td>
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<td>Biomedical engineering &amp; imaging</td>
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<td>Talks On: Cataract: Vision Problem</td>
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<td>Posterior Sub capsular Cataracts</td>
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<td>Cataracts in post-keratoplasty patients</td>
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<td>Tumors of the eyelids</td>
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<td>CRISPR-based gene editing for drug discovery &amp; targeted therapies</td>
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<td>Microbial flora of normal eye both aerobic and anaerobic</td>
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<td>Corneal graft reactions</td>
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<td>Pharmaceutical and medicinal research</td>
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<td>Proteomics in cardiovascular biology and medicine</td>
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*Koffler Vision Group, USA*

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*Hahnemann Medical College, USA*

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*UCL, UK*

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*Bradford Teaching Hospitals, UK*

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*Hirosaki University Graduate School of Medicine, Japan*

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*University of Hong Kong, Hong Kong*

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*World Eye Hospital, Turkey*

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*Cluj County Emergency Hospital, Romania*

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*Minia University, Egypt*

Deyar Ibrahim  
*Tishreen University Medical School, Syria*

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*ELZA Institute, Switzerland*

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*Brazilian Institute for Contact Lenses Research, Brazil*

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*Director CEPROC, Argentina*

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*State University of Campinas, Brazil*

Ioannis Pallikais  
*University of Crete, Greece*

Choun-Ki JOO  
*The Catholic University of Korea, Korea*

Athanasios Nikolakopoulos  
*President of MEDITERETINA CLUB, Greece*

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*University of California, USA*

Svetlana Anisimova  
*General Director, Russia*

Maneli Mozaffarieh  
*University of Basel, Switzerland*

Jing Hong  
*Peking University Third Hospital, China*
Euro Ophthalmology Reminisce

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Day 1  December 04, 2017
Registration Desk Opens

Meeting Hall @ OLYMPICA 1+2

Keynote Forum

Introduction
Title: Dry eye management: The journey
Samer Hamada, Queen Victoria Hospital, UK
Title: Retinal Stem Cells Reprogramming
Lombardi Massimo, Centro di Medicina Rigenerativa Oculistica, Italy

Special Session
Title: Corneal inlays in the treatment of presbyopia the KAMRA manifesto
Martin L Fox, Hahnemann Medical College, USA

Group photo

Networking and Refreshments Break

Sessions: Retina & Its Disorder | Ophthalmology Surgery | Ocular Diseases
Session Chair: Martin L Fox, Hahnemann Medical College, USA

Session Introduction
Title: Protective effects of a mitochondrial-derived peptide in a macular degeneration model; implications for therapeutics.
Sonali Nashine, Gavin Herbert Eye Institute, USA
Title: A retrospective case study on the impact of SIGN guidelines 144 on quality of glaucoma referrals from community optometrists to the hospital
Samnatha Sii, Moorfields Eye Hospital, United Kingdom
Title: Intravitreal bevacizumab for treatment idiopathic peripapillary choroidal neovascular membranes
Gleb M Arslanov, Saint-Petersburg, Research & Education Centre for EBM Cochrane, Russia

Lunch Break
Title: Vascular endothelial growth factor in aqueous humor of patients with proliferative and no proliferative diabetic retinopathy
Hisham K Abdel Dayem, Ain Shams University hospitals, Egypt
Title: Visual ergonomics of 3D stereoscopic images: Augmented reality using smart glasses
Masaru Miyao, University of Fukui, Japan
Title: Colour vision in normal aging, congenital deficiency and retinal disease
John Barbur, University of London, UK
Title: Mixt-infections and inflammatory ophthalmological diseases: Clinical and laboratory observations
Galina Chernakova, Fed3eral State Institution; "Herpes clinic" Moscow, Russia

Networking and Refreshments Break

Title: Evaluation of the incidence of ROP in the maternity and hospital private network: Neonatal care could lead to the disappearance of this syndrome?
Ligia Beatriz Bonotto, Centro Hospitalar Unimed, Brazil
Title: Citicoline and neuroprotection in glaucoma disease
Giuseppe Fasolino, Catholic University, Italy

Special Session

Title: Interesting Retinal Cases
Lavanya G Rao, Manipal University , India

Panel Discussion

Day 2  December 05, 2017
### Keynote Forum

**Title:** Stem cells therapy: Intravitreal regenerative effect, in the retinal-neuronal degenerative diseases  
**Luiz E Abad,** Ballsbridge University, Dominica

### Special Session

**Title:** Oct angiography: Applications and limitations  
**Carlos Eduardo Cury Junior,** Rio Preto Eye Hospital, Brazil

### Networking and Refreshments Break

### Sessions: Glaucoma | Ophthalmology Practice | Ophthalmology Surgery

**Session Chair:** Joseph G. Chacko, UAMS College of Medicine, USA

**Title:** Magnetic resonance imaging insights into ophthalmology  
**Laura Fanea,** Cluj County Emergency Hospital, Romania

**Title:** Diabetic retinopathy and physical inactivity  
**Anna Praidou,** Royal Free London NHS Foundation Trust, UK

**Title:** Proliferative diabetic retinopathy - where are we now  
**Vladislav Dzinic,** University Eye Clinic, Serbia

**Title:** The clinical characteristics, treatment, and outcomes of giant cell arteritis are dependent on histological subtype  
**Joseph G. Chacko,** UAMS College of Medicine, USA

**Title:** Steroids and Uveitis: Saver or killer?  
**Fusun Uzunoglu,** World Eye Hospital, Turkey

### Lunch Break

**Title:** Quality of life in saudi glaucoma patients  
**Leyla Ali Aljasim,** King Khaled Eye Hospital, Saudi Arabia

### Young Research Forum

**YRF Judge:** Olga Kim, Scientific research institute of eyes disease, Kazakhstan

**Title:** Ocular myasthenia gravis: Clinical spectrum and therapeutic update  
**Wino Vrieda Virelia,** Brawijaya University Malang, Indonesia

**Title:** Role of vitrectomy as an initial treatment in eyeball rupture due to blunt trauma  
**Kase Sataru,** Hokkaido University Hospital, Japan

**Title:** Prognosis factors associated with early graft failure after Descemet's stripping automated endothelial keratoplasty in long-term follow up  
**Mihyun Choi,** Catholic University of Korea, South Korea

**Title:** Intravitreal dexamethasone implantation for treatment-naive patients with macular edema due to branch retinal vein occlusion: A 6-month follow-up study  
**Mücella Arikan Yorgun,** Yıldırım Beyazıt University, Turkey

### Networking and Refreshments Break

### Posters Presentations

**Poster Judge:** Olga Kim, Scientific research institute of eyes disease, Kazakhstan

**PO1**  
**Title:** Macula hole post blunt ophthalmic trauma in a paediatric patient  
**Anna Praidou,** General Hospital of Thessaloniki “G. Gennimatas -O Agios Dimitrios”, Greece

**PO2**  
**Title:** Bilateral peripheral ulcerative keratitis following retinal detachment surgery in one eye  
**Anna Praidou,** General Hospital of Thessaloniki “G. Gennimatas -O Agios Dimitrios”, Greece

**PO3**  
**Title:** Comparative study of impression cytology and tissue histology for ocular surface squamous neoplasia in a tertiary care centre  
**Avnish Deshmukh,** Bharatpur Eye Hospital, Nepal
Title: Association of alcohol consumption and intraocular pressure in men and women: The 5th Korea National Health and Nutritional Examination Survey 2010-2012
Young Cheol Yoo, Hallym University College of Medicine, South Korea
Title: A randomized, placebo-controlled trial to evaluate the efficacy and safety of novel mixtures of 0.01% or 0.02% cyclosporine A with 3% trehalose in dry eye syndrome
Choun-Ki Joo, The Catholic University of Korea, South Korea
Title: Migration of an Ozurdex® implant into the anterior chamber: A case report
Devangna Bhatia, Darlington Memorial Hospital, UK
Title: PARP1 activation impedes survival aspect of autophagy upon oxidative stress in RPE cells
Eunhee Kim, Chungnam National University, South Korea
Title: Novel method of utilization of trained medical students for house to house screening for obtaining population based data on ophthalmic diseases
Lavanya G Rao, Dr A V Baliga memorial Hospital, India
Title: Unusual presentation of idiopathic intracranial hypertension in a paediatric patient
Anna Praidou, General Hospital of Thessaloniki "G. Gennimatas -O Agios Dimitrios", Greece
Title: Optic nerve sheath decompression medial approach experience of prince sultan military medical city
Maha A Badr, Prince Sultan Military Medical City, Saudi Arabia
Title: Pressure Point
Anika Nanda, Oxford Eye Hospital, United Kingdom
Title: Does Ophthalmology training in UK medical schools influence desire to apply to specialist Ophthalmology training?
Jonathan Marler, UCL Institute of Ophthalmology, UK

Day 3 December 06, 2017
Meeting Hall @ OLYMPICA 1+2

Sessions: Neuro-Ophthalmology | Cornea Disorder & Treatment | Optometry and Vision Science
Session Chair: Rosane Silvestre de Castro, University of Campinas – UNICAMP, Brazil

Title: Epidemiology of dry eye- Fungal Keratitis
Rosane Silvestre de Castro, University of Campinas – UNICAMP, Brazil
Title: Evaluation of the Cosmetic and Functional Outcomes of the Subciliary Incision for External Dacryocystorhinostomy
Hossam E. Elbarbary, Alexandria University, Egypt
Title: Phacoemulsification of hard nuclei on a single-piece foldable acrylic intraocular lens
Khaled Gamal Abueleinen, Cairo University, Egypt

Title: Retinal detachment after myopic Lasik surgery- Case report
Deyar Ibrahim, Tishreen University Medical School, Syria
Title: Effect of mitomycin C on myopic versus astigmatic photorefractive keratectomy
Ashwag Almosa, King Saud University, Saudi Arabia

Sessions: Ophthalmology Case Studies | Cataract
Session Chair: Rosane Silvestre de Castro, University of Campinas – UNICAMP, Brazil

Title: Subfoveal choroidal thickness in amblyopia using SD OCT
Gurkirat Singh Bajwa, India

Networking and Refreshments Break
Lunch Break
Title: Prophylactic antibiotic treatment for the prevention of endophthalmitis after open globe injury  
Nagib Du Toit, University of Cape Town, South Africa

Title: Pars Plana Vitrectomy with Internal Limiting Membrane Peeling in Optic Disc Pit Maculopathy  
Ahmad Shawkat Abdelhalim, Minia University, Egypt

Title: Multi-drug resistant proteins expression in retinoblastoma in primary enucleated eyes versus eyes enucleated after failure of conservative treatment  
Hisham K. Abdel Dayem, Ain Shams University hospitals, Egypt

Title: Perforating eye injuries and their surgical treatment during 2010-2014 in the Eye Clinic, UCCK  
Mire Hoxha-Shoshi, College of Medical Sciences “REZONANCA”, Kosovo

Video Presentation

Title: Epidemiology of retinopathy of prematurity in Southern Romania during 2002–2016  
Tatiana Ciomârtan, National Institute for Mother and Child Health “Alessandrescu-Rusescu”, Romania

Networking and Refreshments Break

Panel Discussion

Awards & Closing Ceremony
Scientific Program

16th International Conference on Clinical and Experimental Ophthalmology & 2nd International Conference on General Practice and Primary Care

September 18-20, 2017  Zurich, Switzerland
Day 1  September 18, 2017
Brussels

Registrations

Keynote Forum

Introduction
Title: Long-term results of accelerated trans-epithelial cross-linking for keratoconus with osmotic riboflavin solution (ParaCelTM)
Roberto Pinelli, SERI, Switzerland
Title: Ophthalmologic biomarkers in pediatric psychiatric diseases
Joan Prat, Hospital Sant Joan de Deu de Barcelona, Spain

Networking and Refreshments Break

Sessions: Retina & Retinal Disorders | Cornea & External Eye Disease | Ophthalmology Surgery
General Medicine
Session Chair: Roberto Pinelli, SERI, Switzerland

Session Introduction
Title: Microinvasive glaucoma surgery (MIGS)
Babak Eliassi-Rad, Boston University School of Medicine/Boston Medical Center, USA
Title: Innovations in oculoplasty
Hemant Mehta, Gwynedd Hospital, UK
Title: Design of a cooling TRPM8 agonist to treat ocular discomfort
Edward T Wei, University of California, USA
Title: Imposters of Glaucoma
C Richard Blake, University of Florida College of Medicine, USA
Title: Bilateral Oftalmoplejia, a patient with Neurobrocelosis: Case report
Jorge Garduño-Vieyra, Instituto Oftalmológico Privado, Mexico

Special Session
Title: Contact lens friction
Samuele G P Tosatti, SuSoS AG, Switzerland

Group Photo

Lunch Break

Special Teaching Course
Teaching Course on Primary Retinal Detachment: Diagnostics, options for repair and their comparison.
Quiz of retinal detachments
By Prof. Ingrid Kreissig, University of Mannheim - Heidelberg, Germany

1. Diagnostics of retinal detachments

Moderators: Prof. Ingrid Kreissig (Germany)
Stefan Mennel (Austria)

1.1 Title: The 4 Rules to find the primary break
Prof. Ingrid Kreissig, University of Mannheim - Heidelberg, Germany

1.2 Title: Ambulatory binocular occlusion: Retinal detachment, vitreous hemorrhage
J Schmidt (Germany)

2. Minimal scleral buckling without drainage

Title: Surgical technique of segm. buckling (video), optimal tamponade of break, complications, long-term anatomic and functional results
Stefan Mennel, Austria
2.2 Diff. diagnosis of residual fluid
Prof. Ingrid Kreissig, University of Mannheim - Heidelberg, Germany

3. Intraocular Gas-Op

Moderators: Prof. Ingrid Kreissig (Germany)
J Schmidt (Germany)

3.1 Title: Pneumatic retinopexy for uncomplicated detachments
J Schmidt (Germany)

4. Maximal Scleral Buckling With Drainage + I.o. Injection

Title: Circular buckle +/- segm. buckle+ drainage: Evolution, complications, long-term results
Ingrid Kreissig, University of Mannheim - Heidelberg, Germany

Networking and Refreshments Break

5. Vitrectomy

5.1 Title: Primary vitrectomy: Indications, complications, results
Stefan Mennel (Austria)

6. Minimal Scleral Buckling

6.1 Title: Reoperation: The 4 Rules to find the undetected break
Prof. Ingrid Kreissig, University of Mannheim - Heidelberg, Germany

6.2 Title: How to minimize risk of PVR
J Schmidt (Germany)

7. Comparison of Present Techniques for Detachment

Title: Pneumatic retinopexy vs. minimal segmental scleral buckling vs. extensive scleral buckling vs. prim. ppv: Morbidity, economic implications
Stefan Mennel, Austria

8. Quiz: Presentation of Retinal Detachments for Discussion

Primary Care | Nursing Care | General Practice and Cardiology | Family Practice
Title: Using unannounced standardised patients as a quality improvement tool to improve primary care
Heike Schutze, Australian Health Services Research Institute, Australia

Title: Patient, oncologist and GP views about cancer follow-up care in general practice
Heike Schutze, University of Wollongong, Australia

Title: Integrated End of life care in advanced congestive heart failure: Where are we now? 2015 update
Helen Senderovich, University of Toronto, Canada

Title: Maintaining nursing care quality clinical care guidelines for cystic fibrosis - outpatient and inpatient
Melanie Koeller, College of Medicine, Germany

Workshop

Title: The whole person wellness model
Abdia Naidoo, Integrated Well-being Services, South Africa

Day 2 September 19, 2017
Brussels

Keynote Forum

Title: IOFB (Believe it or NOT !!!)
Ashraf Armia Balamoun, Al Watany Eye Hospital, Egypt

Title: The study of interaction of terahertz radiation with the cornea in experiment in vivo
Alexander G. Zabolotniy, Kuban State Medical University, Russia

Networking and Refreshments Break

Session Chair: Joan Prat, Hospital Sant Joan de Deu de Barcelona, Spain
Session Co-Chair: Ashraf Armia Balamoun, Al Watany Eye Hospital, Egypt
Title: Uveitis: How far we are?
Sultan E AL-Zaaidi, Prince Sultan Military Medical City, Saudi Arabia

Title: Peter’s Anomaly and the clinical implications of rare genetic ocular diseases on the patient
Robert W. Sault, Kelowna General Hospital, British Columbia

Title: Morphological changes of corneal nerve fibres associated with diabetic retinopathy
Alina Aligera, Riga Eastern University Hospital, Latvia

Title: Treatment results of extensive retinal ischemia and macular oedema in a case of idiopathic frosted branch angiitis
Arjeta Grezda, University Hospital Center "Mother Teresa", Albania

Title: Washout of pseudoexfoliation material combined with cataract surgery: a new surgical approach to lower intraocular pressure in pseudoexfoliation syndrome
V Tao Tran, Centre for Ophthalmic Specialised Care (COS), Switzerland

Title: Cataract/vitrectomy, phaco free, using reusable systems
Jorge Garduño-Viéyra, Instituto Oftalmológico Privado, Mexico

Title: Versatility of the innovative myo-tarsal flap for reconstruction of lower eyelid
Hemant Mehta, Gwynedd Hospital, UK

Lunch Break

Title: Comparison of ranibizumab in monotherapy versus association with intravitreal dexamethasone in diabetic macular oedema
Zuzana Schlegel, Laser Vision Schlegel, Reunion Island

Title: Accelerated visual recovery in transepithelial phototherapeutic keratectomy in comparison to mechanical epithelial removal followed by cross-linking for progressive keratoconus
Jonathan E Moore, Cathedral Eye Clinic, UK

Title: Potbelly dancing cataract (imagination versus reality)
Ashraf Armia Balamoun, Al Watany Eye Hospital, Egypt

Title: The effects of preconception interventions on improving reproductive health and pregnancy outcomes in primary care: A systematic review
Norita Hussein, University of Malaya, Malaysia

Title: Evaluating patients in sepsis using Compensatory reserve measurement: A prospective clinical trial
Avi Benov, Meir Medical Center, Israel

Title: Cataract management: What is the Win-Win?
Sultan AL-Zaaidi, Prince Sultan Military Medical City, Saudi Arabia

Title: Adaptation and validation of a hospitalized pediatric patients fall risk assessment instrument
Judith Barrientos, National Institute of Paediatrics, Mexico

Title: Disseminated intravascular coagulation with clinical and laboratory evaluations of paediatric patients with acute gastroenteritis admitted at Gharyan Central and Teaching Hospital, Libya
Aisha Sehari, Tripoli University, Libya

Title: Improvement of visual field following successful trabeculectomy is related to preoperative mean deviation
Magdalene Yin Lin Ting, University of Cambridge, UK

Title: Home self-monitoring of intraocular pressure using the Icare home rebound tonometer
Jeanne J Ogle, Tan Tock Seng Hospital, Singapore

Young Research Forum

Panel Discussions

Coffee Break followed by Poster Presentations

P01 Title: Bilateral periorbital necrotizing fasciitis: Case report
Fabio H L Leonardo, Faculty of Medicine of ABC (FMABC), Brazil

Title: In-and-out suture technique for IOL scleral fixation
Young Keun Han, Seoul Municipal Government-Seoul National University Boramae Medical Center, South Korea
Title: Has the tablet perimetry arrived? Visual fields easy app versus humphrey field analyser in glaucoma patients
Roopjit Kaur Sahi, India
Title: Comparison of the pattern of macular ganglion cell-inner plexiform layer defect between ischemic optic neuropathy and open-angle glaucoma
Marjan Afzali Behbahani, Farabi Eye Hospital, Tehran University of Medical Sciences, Iran
Title: Clinical characteristics and the prognostic significance of changes in mean platelet volume during hospitalization for community-acquired pneumonia
Oleg Gorelik, Assaf Harofeh Medical Center, Israel
15th International Congress on
Vision Science and Eye
August 10-11, 2017   London, UK
### Keynote Forum

**Title:** Ocular surface reconstruction: Current and future  
**Speaker:** Samer Hamada, The Eye Clinic London, UK

### Group Photo & Networking and Refreshments Break

### Sessions: Ophthalmology and Vision Science | Vision and Cognition

**Session Chair:** Faisal Fayyad, Jordanian Hospital, Jordan

**Title:** Whales, lifespan, phospholipids and the cause and cure for cataracts  
**Speaker:** Douglas Borchman, University of Louisville, USA

**Title:** Management of severe eye trauma and retained Intraocular Foreign Bodies (IOFBs).  
**Speaker:** Faisal Fayyad, Jordanian Hospital, Jordan

**Title:** Membrane selective cationic polymers as biocides for treating topical infections  
**Speaker:** Rajamani Lakshminarayanan, Singapore Eye Research Institute, Singapore

### Special Session: Workshop

**Title:** DMEK: The state-of-the-art in endothelial keratoplasty  
**Speaker:** Samer Hamada, The Eye Clinic London, UK

### Lunch Break

### Sessions: Vision and Cognition | Low Vision | Visual Impairment | Diabetic Retinopathy

**Session Chair:** Miguel Rechichi, Centro Polispecialistico Mediterraneo, Italy

**Title:** Cultured Autologous Oral Mucosa Epithelial Cell Sheet (CAOMECS) for corneal epithelial regeneration  
**Speaker:** Fawzia Bardag-Gorce, Los Angeles Biomedical Research Institute, USA

**Title:** New perspectives in non-invasive keratoconus treatment: Single or combined surgical strategy to improve vision through cornea reshaping  
**Speaker:** Miguel Rechichi, Centro Polispecialistico Mediterraneo, Italy

**Title:** A comparison of none-staining of the internal limiting membrane vitrectomy outcomes for high myopic patients with Macular Hole (MH) and control patients with idiopathic MH  
**Speaker:** Haisheng Zhao, He University, China

**Title:** Contribution of spatial and temporal integration in heading perception  
**Speaker:** Nadejda Bocheva, Institute of Neurobiology, Bulgaria

### Networking & Refreshments Break

**Title:** Keratoconus as a childhood disease  
**Speaker:** Samer Hamada, The Eye Clinic London, UK

**Title:** The fluorescence ratio, as a new parameter for long-term metabolic control. What & when would you know?  
**Speaker:** Nilufer Koyluoglu, Liv Hospital International, Turkey

### Video Presentation

**Title:** The bridge from diagnosis to potential treatment: The crucial role clinicians play in success for blind individuals  
**Speaker:** Kristin Smedley, President Curing Retinal Blindness Foundation, USA
## Panel Discussion

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### Day 2    August 11, 2017

**Atlantis 1**

### Keynote Forum

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<tr>
<th>Title</th>
<th>Session Chair</th>
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<tbody>
<tr>
<td>Color vision in normal aging, congenital deficiency and retinal disease</td>
<td>John L Barbur, University of London, UK</td>
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<tr>
<td><strong>Sessions:</strong> Colour Vision</td>
<td><strong>Ocular Oncology</strong></td>
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<tr>
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<tr>
<td>Dry eye disease: Challenges and opportunities</td>
<td>Samer Hamada, The Eye Clinic London, UK</td>
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<tr>
<td><strong>Title:</strong> Hitting the bullseye: Computer models for treating vision disorders</td>
<td>Peter Markov, Cardiff University, UK</td>
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<tr>
<td><strong>Title:</strong> The ubiquitin proteasome pathway in Cultured Oral Mucosa Epithelial Cell Sheet (CAOMECS) for ocular surface reconstruction</td>
<td>Fawzia Bardag-Gorce, Los Angeles Biomedical Research Institute, USA</td>
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### Networking & Refreshments Break

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<tr>
<td>Long-term visual and treatment outcomes of whole population pre-school visual screening in children: A longitudinal, retrospective, population-based cohort study</td>
<td>Yan Ning Neo, Hillingdon Hospitals NHS Foundation Trust, UK</td>
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<tr>
<td><strong>Title:</strong> Multifocal intraocular lenses: Keys to success!</td>
<td>Samer Hamada, The Eye Clinic London, UK</td>
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<tr>
<td><strong>Title:</strong> Learning Curve of Femtosecond laser assisted cataract surgery</td>
<td>Prasanth Gireesh, Aravind Eye Hospital, India</td>
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### Lunch Break

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<tr>
<td><strong>Session Chair:</strong> Rajamani Lakshminarayanan, Singapore Eye Research Institute, Singapore</td>
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<tr>
<td>Rational design of Cell-selective Antimicrobial Peptides</td>
<td>Rajamani Lakshminarayanan, Singapore Eye Research Institute, Singapore</td>
</tr>
<tr>
<td><strong>Title:</strong> Artificial vision for later stages of the retinitis pigmentosa with the argus II system</td>
<td>Nilufer Koyluoglu, Liv Hospital International, Turkey</td>
</tr>
<tr>
<td><strong>Title:</strong> Extraocular needle-guided haptic insertion technique of scleral fixation intraocular lens surgeries (X-NIT)</td>
<td>Prasanth Gireesh, Aravind Eye Hospital, India</td>
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<tr>
<td><strong>Title:</strong> Contextual modulation in motion direction processing</td>
<td>Nadejda Bocheva, Institute of Neurobiology, Bulgaria</td>
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<tr>
<td><strong>Title:</strong> Expression of Thy1 in rat retinal ganglion cell cultures is regulated by LEDGFp52</td>
<td>Haisheng Zhao, He University, China</td>
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### Networking & Refreshments Break

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<tr>
<td>Bimanual Surgery in The Management of Complicated Diabetic Vitrectomy</td>
<td>Faisal Fayyad, Jordanian Hospital, Jordan</td>
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### Video Presentation

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<tr>
<td>Subretinal cysticercosis</td>
<td>Kanhaiya Mittal, All India Institute Of Medical Sciences, India</td>
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<tr>
<td><strong>Title:</strong> Techniques in visual neurorrehabilitation: An integrative review</td>
<td>Rebeca Uchoa Saraiva, Faculdade de Saúde de Paulista, Brazil</td>
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### Panel Discussion

### Awards & Closing Ceremony
Scientific Program

2nd Global Pediatric Ophthalmology Congress

June 05-06, 2017  Milan, Italy
Day 1  June 05, 2017

Registrations

Barcelona 2

Opening Ceremony

Keynote Forum

Introduction

Title: The Window into their future: Screening & Early Detection of Corneal Diseases in Pediatric Patients
Prof. Farhad Hafezi, ELZA Institute AG, Dietikon / Zurich, Switzerland

Group Photo

The Light for Sight Course on Keratoconus

Prof. Farhad Hafezi, MD PhD - ELZA Institute, Switzerland
Prof. Cosimo Mazzotta, MD PhD - University of Siena, Italy
Dr. Miguel Rechichi, MD, PhD, Crosslinking Specialist, Italy

Panel Discussion

Sessions:
Retina & Retinal Disorders | Corneal Diseases

Session Chair: Ronni M Lieberman, New York City Health and Hospitals Corporation, USA

Session Introduction

Title: Long-term follow-up of intravitreal bevacizumab for the treatment of pediatric retinal and choroidal diseases
Ronni M Lieberman, New York City Health and Hospitals Corporation

Title: Retinopathy of prematurity in Romania
Cristina Nitulescu, National Institute for Mother and Child Health, Romania

Title: Retinopathy of prematurity incidence, risk factors and treatment modalities among premature infants at various neonatal intensive care units of central Karnataka in South India
Ashutosh Patel, S.S. institute of Medical Sciences & Research Centre SSIMS & RC, India

Lunch Break

Title: Keratoconus progression in pediatric patients with allergy and elevated surface matrix metalloproteinase 9 point-of-care test vs. negative patients
Cosimo Mazzotta, University of Siena, Italy

Title: Combined dermoid cyst excision and DALK procedure in 3 years old boy: Split and patch technique for corneoscleral patching
Elias F Jarade, Beirut Eye Specialist Hospital, Lebanon

Sessions:
Pediatric Ophthalmology & Research | Pediatric Optometry

Session Chair: Bruce H Koffler, Koffler Vision Group, USA

Session Introduction

Title: Surgical esotropia in Down syndrome patients
Danielle M Ledoux, Boston Children’s Hospital - Harvard University, USA

Title: Myopia control in children utilizing gas permeable orthokeratology molding overnight lenses
Bruce H Koffler, Koffler Vision Group, USA

Title: Arrested foveal development and low visual function in babies with history of retinopathy of prematurity
Anna Laura Giacomin, Camposampiero Hospital, Italy

Networking & Refreshment Break

Title: Revital Vision treatment in patients affected by nystagmus
Lelio Sabetti, University of L’Aquila, Italy

Title: Pediatric contact lens fittings: little eyes big challenges
Angela Malik, Sidra Medical and Research Center, Qatar
Panel Discussion

Day 2 June 06, 2017

Keynote Forum

Title: Femtolaser anterior and posterior capsulotomies during pediatric cataract surgery
Irina Trifanenkova, MNTK, Eye Microsurgery, Russia

Special Session

Title: Vision and eye issues in children with Down syndrome
Danielle M Ledoux, Boston Children’s Hospital - Harvard University, USA

Sessions:

Sessions: Refractive Errors and Management | Pediatric Neuro-Ophthalmology | Ophthalmology Surgery

Session Chair: Mikhail G Kataev, Fyodorov Eye Microsurgery Complex, Russia

Lunch Break

Session Introduction

Title: Surgical management of ocular motor nerve palsies
Pedro Mattar, King Khaled Eye Specialist Hospital, Saudi Arabia

Title: Effects of socioeconomic status on oculo-visual disorders in school children
Serap Azizoglu, Deakin University, Australia

Title: Oculoplasty for saving vision in children
Mikhail G Kataev, Fyodorov Eye Microsurgery Complex, Russia

Title: Contralateral effect of micro-dose bevacizumab (Avastin) injection in zone 1 aggressive posterior retinopathy of prematurity (APROP)
Ayad Shafiq, Newcastle Eye Centre, UK

Networking & Refreshment Break

Title: Pediatric keratoconus in a tertiary referral center: Incidence, presentation, risk factors, and treatment
Elias F Jarade, Beirut Eye Specialist Hospital, Lebanon

Title: Choline in association with Bangerter filters for the treatment of amblyopia
Lelio Sabetti, University of L’Aquila, Italy

Title: Management of scleral lenses in pediatric age
Antonella Vecchies, University of Padua, Italy

Title: Poor oculomotor- visual skills efficiency correlates with dyslexia and low reading performance
Andrea Binotto, Camposampiero Hospital, Italy

Title: Glaucoma children in Peru
Oscar Orjeda, Peru

Networking & Refreshment Break

Title: Safety and efficacy of sequential intracorneal ring segment implantation and crosslinking in pediatric keratoconus
Elias F. Jarade, Beirut Eye Specialist Hospital, Lebanon

Video Presentation

Title: Epidemiology of retinopathy of prematurity in Southern Romania during 2002–2016
Tatiana Ciomârtan, National Institute for Mother and Child Health “Alessandrescu-Rusescu”, Romania

Awards and Closing Ceremony
6th Global Ophthalmologists Annual Meeting
May 16-18, 2016  Osaka, Japan
### Scientific Program

#### Registrations

**Day 1**

**May 16, 2016**

**Osaka**

### Opening Ceremony

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### Keynote Forum

**Introduction**

**Title:** Cracking the neural code for vision  
**Stephen G Odaibo,** Quantum Lucid Research Laboratories, USA

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**Workshop**

**Title:** Everything you need to know about selective laser trabeculoplasty in Chinese  
**Jimmy S M LAI,** The University of Hong Kong, Hong Kong

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### Track 1: Ophthalmology Practice

**Session Chair:** Murad A Sunalp, Sunalp Laser Vision Inc., USA  
**Session Co-Chair:** Michael K Yoon, Harvard Medical School, USA

**Session Introduction**

**Title:** Scirrhous breast carcinoma metastatic to the orbit: Imaging findings and volumetric analysis of the shrinking orbit  
**Michael K Yoon,** Harvard Medical School, USA

**Title:** Corneal axis marking of toric IOL with Sunalp YAG laser lens  
**Murad A Sunalp,** Sunalp Laser Vision Inc., USA

**Title:** Destructive orbital myiasis in a case of basal cell carcinoma  
**Lamberto A Ilagan Jr,** Our Lady of Caysasay Medical Center, Philippines

**Title:** Targeting the macrophages in ocular neovascularization  
**Peirong Lu,** The First Affiliated Hospital of Soochow University, China

**Title:** Dialysis induced ischemic optic neuropathy  
**Shao-Chun Chen,** Taipei City Hospital, Taiwan

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### Panel Discussions

**Title:** Clinical application of corneal collagen cross-linking – Keratoconus and beyond  
**Alex Ng,** University of Hong Kong, Hong Kong

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### Track 2: Ophthalmic Case Studies

**Session Chair:** Ayala Pollack, Kaplan Medical Center Israel  
**Session Co-Chair:** Ian Wong, University of Hong Kong, Hong Kong

**Title:** Correlation between the dynamic postoperative visual outcome and the restoration of foveal microstructures after macular hole surgery  
**Wen-Chuan Wu,** Kaohsiung Medical University, Taiwan

**Title:** The course of wet AMD following phacoemulsification in eyes receiving anti-VEGF treatment  
**Ayala Pollack,** Kaplan Medical Center, Israel

**Title:** Viral retinitis - An Asian perspective  
**Ian Wong,** University of Hong Kong, Hong Kong

**Title:** Comparison of the one-year outcomes of conbercept therapy between two different angiographic subtypes of polypoidal choroidal vasculopathy  
**Yong Cheng,** Peking University, China

**Title:** Image-guided endoscopic transnasal optic nerve decompression for patients with compressive optic neuropathy resulted from Fibrous dysplasia  
**Wencan Wu,** The Eye Hospital of Wenzhou Medical University, China

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**Title:** Polypoidal choroidal vasculopathy – All you need to know  
**Ian Wong,** University of Hong Kong, Hong Kong

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### Networking & Refreshments

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### Lunch Break

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### Networking & Refreshments Break
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<th>Day 2</th>
<th>May 17 2016</th>
<th>Sapphire</th>
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</table>
| **Title:** Protecting the developing retina in retinopathy of prematurity  
Amy C Y Lo, The University of Hong Kong, Hong Kong |
| **Panel Discussions** |
| **Symposium** |
| **Title:** Diabetic retinopathy and foveal hypoplasia  
Ayala Pollack, Kaplan Medical Center, Israel |
| **Panel Discussions** |
| **Symposium** |
| **Title:** Progress of the 28-year laser vision technology  
J T Lin, New Vision, Inc. Taipei, Taiwan |
| **Instruction Course** |
| **Symposium** |
| **Title:** Management of early and late ocular manifestations of Stevens-Johnson syndrome and toxic epidermal necrolysis  
Kendrick Co Shih & Richie Chan, University of Hong Kong Hong Kong |
| **Networking & Refreshments Break 11:00-11:20** |

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<thead>
<tr>
<th>Track 3: Research Trends in Surgical and Medical Ophthalmology</th>
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</table>
| **Session Chair:** Elie Beit-Yannai, Ben-Gurion University of the Negev, Israel  
**Session Co-Chair:** Po-Kang Lin, National Yang-Ming University, Republic of China |
| **Title:** Signaling between the ciliary epithelium and the trabecular meshwork is mediated via exosomes  
Elie Beit-Yannai, Ben-Gurion University of the Negev, Israel |
| **Title:** Neuroprotective effects of papaverine on retinal ganglion cells in optic nerve transection model  
Kin CHIU, The University of Hong Kong, Hong Kong |
| **Title:** Electroretinography and histology results of a photovoltaic sub-retinal prosthesis implanted in porcine for two years  
Po-Kang Lin, National Yang-Ming University, Republic of China |
| **Title:** Spectral domain optical coherence tomography (SD-OCT) characteristics of retinal layers in branch retinal vein occlusion  
Gyanendra, Lumbini Eye Institute, Nepal |
| **Title:** The effect on the diffusion of small aqueous soluble molecules based on the interactions with collagen in vitreous humor  
Anderson Ho Cheung Shum, University of Hong Kong, Hong Kong |
| **Panel Discussions** |

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<th>Track 4: Glaucoma</th>
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| **Session Chair:** Shelly-Anne Lalchan, Glaucoma Eye Foundation of Trinidad and Tobago (GiFT), Trinidad and Tobago  
**Session Co-Chair:** Bonnie Nga Kwan Choy, The University of Hong Kong, Hong Kong |
| **Title:** What you do from the morning to sleep that affects your eyes – Life style in relation to glaucoma management  
Bonnie Nga Kwan Choy, The University of Hong Kong, Hong Kong |
| **Title:** An analysis of first line treatment in open angle glaucoma in Trinidad and Tobago, Caribbean  
Shelly-Anne Lalchan, Glaucoma Foundation of Trinidad and Tobago (GiFT), Carribbean |
| **Special Session** |
| **How to assess glaucoma progression? For residents and general ophthalmologists**  
Bonnie Nga Kwan Choy, University of Hong Kong, Hong Kong |

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<tr>
<th>Track 1: Ophthalmology Practise</th>
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| **Session Chair:** Murad A Sunalp, Sunalp Laser Vision Inc., USA  
**Session Co-Chair:** Michael K Yoon, Harvard Medical School, USA |
| **Title:** Secondary multifocal intraocular lens implantation in patient with white cataract  
Peirong Lu, Soochow University, China |
| **Title:** Pediatric optic neuritis in rural area of Taiwan  
Li-Ju Lai, Chang Gung University, School of Medicine, Tai-Yuan, Taiwan |
| **Title:** Retinal nerve fiber layer changes after trans-sphenoidal and trans-cranial pituitary adenoma resection  
Qiao Nidan, Fudan University Huashan Hospital, China |
| **Title:** Treatment of polypoidal choroidal vasculopathy  
Hae Min Kang, Catholic Kwandong University College of Medicine, Korea |

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<th>Day 3</th>
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<tr>
<td><strong>Symposium</strong></td>
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| **Title:** Cross-linking procedure  
Cristina Nicula, Iuliu Hatieganu University of Medicine and Pharmacy, Romania |

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Shelly-Anne Lalchan, Glaucoma Eye Foundation of Trinidad and Tobago (GIFT), Caribbean |
| **Special Session** |
| **How to assess glaucoma progression? For residents and general ophthalmologists**  
Bonnie Nga Kwan Choy, University of Hong Kong, Hong Kong |
| **Networking & Refreshments Break** |

| Panel Discussions | Lunch Break |
### Keynote Forum

**Title:** Canaloplasty for POAG with failed filtering surgery  
**Ningli Wang,** President of Chinese Ophthalmology Society, China

### Track 5: Lens Disorders and Refractive Surgeries

**Session Chair:** Cristina Nicula, Iuliu Hatieganu University of Medicine and Pharmacy, Romania  
**Session Co-Chair:** Ellen Koo, Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, USA

**Title:** Descemet’s membrane endothelial keratoplasty injector  
**Michael Banitt,** University of Washington USA

**Title:** Functional results in refractive clear lens extraction with implantation of multifocal ReSTOR +3d intraocular lens at hyperopic and presbyopic patients  
**Cristina Nicula,** Iuliu Hatieganu University of Medicine and Pharmacy, Romania

**Title:** Retinal complications after anterior versus posterior chamber phakic intraocular lens implantation in a myopic cohort  
**Abdulelah A. Al-Abdullah,** King Khaled Eye Specialist Hospital, Saudi Arabia

### Networking & Refreshments Break

### Young Researcher Forum

**Title:** The immediate optical coherence tomography (OCT) evaluation of the cornea and the femtosecond laser created clear corneal incisions (CCI), in femtosecond laser assisted cataract surgery (FLACS).  
**Ellen Koo,** Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, USA

**Title:** Effect of chronic alcohol and tobacco use on retinal nerve fiber layer thickness – A case control study  
**Praveen Kumar,** JIPMER, Dhanvantari Nagar, Pondicherry, India

**Title:** Inter-ocular asymmetry of retinal parameters as measured with Ocular Coherence Tomography (OCT) in a sample of healthy young adults  
**Zeyad A Alzaben,** Technical University of Catalonia; Terrassa, Spain

**Title:** Study the effect of polishing of the posterior capsule and retro-IOL irrigation-aspiration after IOL insertion on the incidence of early post-operative capsular block syndrome (CBS) and post-cataract opacification (PCO).  
**Mayuresh P Naik,** V.M.M.C & Safdarjung Hospital, New Delhi

**Title:** Clinical agreement of pterygium translucency redness appearance based on human colour perception  
**Mohd Radzi Hilmi,** International Islamic University Malaysia (IIUM), Kuantan, Pahang, Malaysia

### Lunch Break

### Award Ceremony

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**Bookmark your dates**

**11th Global Ophthalmologists Annual Meeting**

May 8-10, 2017  
Dubai, UAE
Day 1  June 06, 2016

Hall-B

Keynote Forum

Introduction

Marcelo C Ventura
Altino Ventura Foundation, Brazil

Lisa Brothers Arbisser
John A Moran Eye Center-University of Utah, USA

Track 2: Retina & Retinal Disorders

Session Chair: Ronni M Lieberman, Icahn School of Medicine, USA

Session Introduction

Title: Classification and treatment of vitreous seeds in retinoblastoma using intra-arterial and intra-vitreal techniques
Jasmine H Francis, Memorial Sloan Kettering Cancer Center, USA

Coffee Break @ Foyer

Title: Topical anesthesia for treatment infants with retinopathy of prematurity
Pedro Mattar, King Khaled Eye Specialist Hospital, Saudi Arabia

Title: Intravitreal Bevacizumab in the Treatment of Retinopathy of Prematurity- the New Gold Standard?
Ronni M Lieberman, Icahn School of Medicine, USA

Title: Retinopathy of prematurity (ROP) in India and WINROP software
Kalpana Badami Nagaraj, Minto Ophthalmic Hospital, India

Title: Treatment of retinal capillary haemangioma using 810 nm infrared laser
Pochop Pavel, Charles University in Prague, Czech Republic

Title: Retinopathy of Prematurity - What's new about the pathogenesis and treatment?
Huseyin Yetik, Istanbul University, Turkey

Group Photo

Track 1: Pediatric Ophthalmology & Research

Track 3: Pediatric Cataracts

Session Chair: Enrique Suarez, King Khaled Eye Specialists Hospital, Saudi Arabia

Session Introduction

Title: Ophthalmic pathology in the offspring of pregnant women with gestational diabetes mellitus
Olga Alvarez-Bulnes, Fundació Hospital de Nens de Barcelona, Spain

Title: Keratoconus in pediatric patients
Enrique Suarez, King Khaled Eye Specialists Hospital, Saudi Arabia

Title: Cataract surgery in children with primary intraocular lens implant
Arturo Maldonado-Junyent, Catholic University of Cordoba, Argentina

Title: Sound eye versus amblyopic eye surgery for correction of unilateral sensory strabismus
Mohamed Mostafa Kamel Diab, Ain Shams University, Egypt

Title: Pediatric cataracts: Pearls and complications during surgery
Pedro Mattar, King Khaled Eye Specialist Hospital, Saudi Arabia

Title: Outcome of Cataract Surgery with Primary Intraocular Lens Implantation in less than Two-Year Age Group
Aygun Nabiyeva, Briz-L Eye Clinic Azerbaijan

Title: The Ventura technique for lens subluxation
Marcelo C Ventura, Altino Ventura Foundation, Brazil

Title: Advanced intraocular retinoblastoma: First successful results without systemic chemotherapy
Sonia De Francesco, University of Siena, Italy

Panel Discussions

Coffee Break @ Foyer
Special Session on Zika Virus "Ocular findings in infants with microcephaly after outbreak of Zika virus in Brazil

Bruna V Ventura, Altino Ventura Foundation, Brazil

Track 4: Refractive Errors and Management
Track 5: Pediatric Glaucoma
Track 6: Neuro-Ophthalmology
Track 6: Dissociated Vertical Deviation (DVD)

Session Chair: Janardan Kumar

Title: Activation of Rho-GTPase might be correlated with the pathophysiology of glaucoma
Janardan Kumar, Becker College, USA

Title: Papilloedema in children - now you see it now you don't
Samantha Harding, Royal College of Ophthalmologists, UK

Title: Atropine to myopia control without photosensitive lens
Celso Marcelo Cunha, Cuiabá University, Brazil

Title: Infective and inflammatory eyelid disorders: Conventional and unconventional therapies to maintain eye health and avoid lid surgery
Anna Laura Giacomin, Ophthalmoplastic Service Camposampiero Civil Hospital, Italy

Title: Alteration of the immune system of the infant and its impact on vision
Daniel Valverde, University of Guayaquil, Ecuador

Title: The dynamics of the effects of catecholamine excite dumping syndrome in the recovery phase of visual impairment in children who suffered from pre-, perinatal encephalopathy
Sevinj Salmanova, National Center of Ophthalmology, Azerbaijan

Title: Strabismus amblyopia in young Cameroonian children
Caroline Mvilongo Tsimi, Yaounde Central Hospital, Cameroon

Title: Neurobiological oriented treatment for amblyopia and amblyopia co-morbid with refractive squint, diplopia and headache
Jagmohan Dyal Singh, India

Title: Challenges in managing Paediatric Uveitis
William Ayliffe, The Lister Hospital, UK

Title: New concepts in vernal keratoconjunctivitis during childhood
Chris D. Kalogeropoulos, University of Ioannina, Greece

Title: New lamellar technique for keratoplasty in children
Arturo Maldonado-Junyent, Catholic University of Cordoba, Argentina

Title: Prospective comparative study for various treatment modalities of dissociated vertical deviation without inferior oblique over-action
Mohamed Mostafa Kamel Diab, Ain Shams University, Egypt

Title: Pediatric retinal detachments-Where do we stand?
Amrita Verma, Dr. Verma Nursing Home, India

Title: A cost benefit analysis of ROP screening at an urban tertiary Hospital in Makati city, Philippines
Mario Audie Sasongko, Makati Medical Center, Philippines

Poster Presentations

P01: Title: Bilateral retinoblastoma with extra-retinal diffusion: 2 cases series
Caroline Mvilongo Tsimi, Yaounde Central Hospital, Cameroon

P02: Title: Newly developed binocular treatment of amblyopia using head-mounted display
Seong-Joon Kim, Seoul National University College of Medicine, South Korea

P03: Title: A case report of optic disk drusen in the patient with partial trisomy 16q
Morreale Bubella Raffaella, University of Palermo, Italy
P04  Title: Intravitreal bevacizumab (Avastin) with peripheral retinal cryotherapy for patients with posterior retinopathy of prematurity and vitreous hemorrhage
Mohamed Mostafa Kamel Diab, Ain Shams University, Egypt

P05  Title: Modifiable amplified rectus muscle transposition fine surgery with or without ciliary vessel sparing
Mohamed Mostafa Kamel Diab, Ain Shams University, Egypt

P06  Title: Role of the fibromuscular bundles of orbital connective tissues in unpredicted outcome following strabismus surgery by using peribulbar sensorimotor differential block
Mohamed Mostafa Kamel Diab, Ain Shams University, Egypt

Panel Discussion & Closing Ceremony

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# Scientific Program

## 5th International Conference on
Clinical & Experimental Ophthalmology
August 04-06, 2015   Valencia, Spain

### Day 1   August 04, 2015

#### Valencia-C

### Opening Ceremony

### Keynote Forum

**Introduction**

Maria Dolores Pinazo Durán  
University of Valencia, Spain

Jacob Lorenzo-Morales  
University of La Laguna, Spain

### Track 1: Retina & Retinal Disorders  
Track 2: Corneal & External Eye Disease

**Session Chair:** Sarah Xin Zhang, State University of New York, USA  
**Session Co-Chair:** Miguel Rechichi, Magna Graecia University, Italy

#### Session Introduction

Monitoring of high glucose-induced cell metabolic alteration of retinal microvascular endothelial cells with fluorescence lifetime imaging microscopy  
Yoko Miura, University of Luebeck, Germany

Macular carotenoids current perspectives: Closing the generation gap  
Vijaya Juturu, OmniActives Health Technologies Inc., USA

#### Networking & Refreshment Break @ Foyer

Endoplasmic reticulum homeostasis and inflammation in retinal müller cells  
Joshua J Wang, State University of New York, USA

NF-κB and SP1 expression in AGEs exposed retina and influence of different neurotrophic factors on it  
Guzel Bikbova, Chiba University Graduate School of Medicine, Japan

Curcumin is a natural angiogenic that inhibits hypoxia-induced VEGF release in retina cells  
Dario Vasquez Zuloaga, University de Chile, Chile

New insights in the pathogenesis of retinal vein occlusions  
Maneli Mozaffarieh, University of Basel, Switzerland

Manipulating ER chaperones and the UPR for neuroprotection in retinal diseases  
Sarah Xin Zhang, State University of New York, USA

#### Lunch Break @ Aqua

### Workshop
### Tele-ophthalmology and tele-eye screenings

K Yogesan, Australian E-Health Research Centre, Australia

### Track 1: Refina & Retinal Disorders

### Track 2: Corneal & External Eye Disease

Session Chair: Sarah Xin Zhang, State University of New York, USA
Session Co-Chair: Miguel Rechichi, Magna Graecia University, Italy

### Session Introduction

**Ultra-thin desceinet stripping automated endothelial keratoplasty (UT-DSAEK) – Why I prefer this technique**
Iva Dekaris, University Eye Hospital 'Svjetlost', Croatia

**Femtosecond laser-assisted lens fragmentation: Effects on effective phaco time and postoperative corneal edema**
Inder Paul Singh, Eye Centers of Racine & Kanosha in Racine, USA

**Flammer-syndrome as one of the risk factors for GON**
Maneli Mozaffarieh, University of Basel, Switzerland

**New perspectives in non-invasive keratoconus treatment: Single or combined surgical strategy to improve vision through cornea reshaping**
Miguel Rechichi, Magna Graecia University, Italy

### Networking & Refreshment Break @ Foyer

**Comparative study of results of standard corneal collagen crosslinking vs corneal crosslinking by iontophoresis of riboflavin**
Guzel Bikbova, Chiba University Graduate School of Medicine, Japan

**Combined phacoemulsification with express device: A procedure of choice in advanced open angle glaucoma**
Baswati Prasanth, Ahalia Hospital, UAE

**Use of new technologies and techniques in glaucoma with vulnerable optic disc**
Shahid Wahab, Dow University of Health Sciences, Pakistan

**Special Session**

**New perspectives in non-invasive keratoconus treatment: Improve vision through cornea reshaping**
Miguel Rechichi, Magna Graecia University, Italy

### Day 2                August 05, 2015

### Keynote Forum

**Francisco Javier Carreras**
University of Granada, Spain

**Janardan Kumar**
Becker College, USA

### Track 3: Glaucoma: Visual Field Loss

### Track 4: Neuro-Ophthalmology

### Track 6: Research Trends in Surgical and Medical Ophthalmology

Session Chair: Janardan Kumar, Becker College, USA
Session Co-Chair: Maria Dolores Pinazo Durán, University of Valencia, Spain

### Session Introduction

**Targeting nitric oxide-cGMP signaling: Therapeutic potential in POAG**
Emmanuel Buys, Massachusetts General Hospital, USA

**Refractive lens exchange with implantation of trifocal or trifocal toric intraocular lens**
Iva Dekaris, University Eye Hospital 'Svjetlost', Croatia

**Immunohistochemistry of adheren junctions in the optic nerve head highlights potential fatal sites for aqueous humor-induced ionic stress and points to a new paradigm in glaucoma diagnosis and treatment**
Francisco Javier Carreras, University of Granada, Spain

**The LEA grating test in assessing detection grating acuity in normal infants less than 4 months of age**
Giovana Martini, State University of Campinas, Brazil

### Refreshment @ Foyer followed by Poster Presentations

**Micro RNAs in tears as biomarkers for monitoring primary open-angle glaucoma**
Maria Dolores Pinazo Duran, University of Valencia, Spain

**Dynamics of compliance in glaucoma progression: A cross-sectional study comparing IOP and CCT devices followed by a longitudinal IOP and cup-to-disc ratio analysis**
Stanka Uzunova, Specialised private practice, Bulgaria

### Lunch Break@ Aqua
### A comparison of three techniques of intraocular pressure measurements in normal eyes
Haya M Al Farhan, King Saud University, Saudi Arabia

### Experimental study on myopia control of bilberry anthocyanins
Hongwei Deng, Schenzen Eye Hospital, China

### Instruction Course
**Customising surgical glaucoma treatment to the patient and their disease**
Atul Bansal, University Hospital Coventry & Warwickshire, UK

### Panel Discussion
**Track 3: Glaucoma: Visual Field Loss**
**Track 4: Neuro-Ophthalmology**
**Track 6: Research Trends in Surgical and Medical Ophthalmology**

**Session Chair:** Janardan Kumar, Becker College, USA
**Session Co-Chair:** Maria Dolores Pinazo Durán, University of Valencia, Spain

**Inferotemporal dialysis, genetic regmatogenous retinal detachment in the Andes?**
Armando Sandoval Vaca, Hospital Metropolitano- Clinivisión, Ecuador

### Prevention of blindness and use of transfer factors
Daniel Valverde, Universidad de Guayaquil, Ecuador

**A comparative study between transplantation of conjunctival limbal autograft with mitomycin C and amniotic membrane transplantation with mitomycin C in re-current pterygium**
Mohammed Othman Abdel Khalek El Sayed, Cairo University School of Medicine, Egypt

**Uveitic macular edema: Pathophysiology and treatment update**
Rola N Hamam, American University of Beirut, Lebanon

**Grievance in teaching: Article (226) high court & article (32) supreme court Indian penal code applicable to all specialties**
Katta S V, Malla Reddy Medical College for Women, India

### Young Research Forum
**Evaluation of calibration errors of Goldmann tonometers in university affiliated hospitals in Riyadh, KSA**
Noor Al Anazi, King Saud University, Saudi Arabia

**Vitrectomy for proliferative diabetic retinopathy, is it enough?**
Rohit Sanjay Laul, Dr. Agarwal’s Eye Hospital, India

### Day 3
**August 06, 2015**

**Valencia-C**

### Special Session
**Future perspectives of glaucoma**
Janardan Kumar, Becker College, USA

**Track 5: Ocular Microbiology & Immunology**
**Track 7: Novel Approaches to Ophthalmology Therapeutics**
**Track 8: Ophthalmic Research and Drug Development**

**Session Chair:** Jacob Lorenzo-Morales, University of La Laguna, Spain
**Session Co-Chair:** Kirti Singh, Maulana Azad Medical College, India

**Vitreous floaters-An under-appreciated and under treated problem: Patient satisfaction and complications of YAG vitreolysis**
Inder Paul Singh, Eye Centers of Racine & Kanosha in Racine, USA

**Edifice of adaptive strategies on foundations of science: Innovations necessary for children from eastern half**
Kirti Singh, Maulana Azad Medical College, India

**The efficacy of adalimumab stored in plastic vials at four degrees celsius and the effect of intravitreal adalimumab on the treatment of active non-infectious ocular inflammation**
Rola N Hamam, American University of Beirut, Lebanon

**Networking & Refreshment Break @ Foyer**

**Novel phaco-technique nucleus sculpting before hydrodissection**
Mohamed A Nasr, Cairo University, Egypt

**Study on security of the perilesional application of CIGB-128A (HeberFERON) in palpebral non melanoma skin cancers with surgical risk and aesthetic implications**
Yaquelin Duncan Roberts, Center for Genetic Engineering and Biotechnology, Cuba
### Video Presentations

**Anti-VEGF in the treatment of diabetic macular oedema: A departmental study**  
Charikleia Papandreou, Lister Hospital, UK  

**Plasma rich in growth factors in eye drops for the treatment of ocular surface disease in patients with glaucoma**  
Ronald Sanchez Avila, University of Oviedo, Spain

### Award Ceremony

### Lunch Break @ Aqua

### Poster Presentations

<table>
<thead>
<tr>
<th>P01</th>
<th>Numerical modeling of refractive changes in diabetic subjects</th>
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<td>Robert Szuba, Adam Mickiewicz University, Poland</td>
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| P02 | A comparison between macular and retinal nerve fiber thickness in recovered and persistent unilateral amblyopia |
| Sanaa Yassin, University of Dammam, Saudi Arabia |

| P03 | BRCA1/2 mutations are not associated with risk of exudative age-related macular degeneration in ashkenazi jews |
| Shirel Rossnewasser-Weiss, Felsenstein Medical Research Center, Israel |

| P04 | Retinal safety studies of intravitreal injection of Rg1 ginsenosides on normal rabbit |
| Lina Huang, Shenzhen Eye Hospital, China |

| P05 | The associations of HLA-DP locus with Posner-Schlossman syndrome in Southern Chinese Han population |
| Jun Zhao, Shenzhen Eye Hospital, China |

| P06 | Complications of uveitis in children according to age: The risk of amblyopia |
| Rolea N Hamam, American University of Beirut, Lebanon |

| P07 | New diagnostic approaches based on ocular manifestations and novel therapeutical interventions in Behcet disease |
| Forough Kheiry, Islamic Azad University of Tehran, Iran |

| P08 | Efficacy of intravitreal ranibizumab injection in eyes with diabetic macular edema |
| Norihiro Shimizu, Chiba University Graduate School of Medicine, Japan |

| P09 | Dry form of age-related macular degeneration associations with; systemic disorders |
| Amila Chandrasekera, Vision Care Optical Service Pvt Ltd, Sri Lanka |

### Award Ceremony
"Organize your Events at Conference Series llc LTD"

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Day 1  July 14, 2014

Registrations

Harbor Room

Opening Ceremony

Keynote Forum

Introduction
Chi-Chao Chan
National Institutes of Health, USA
Ashim K. Mitra
University of Missouri-Kansas City, USA

Group Photo

Coffee Break @ Prefunction Area

Workshop

Workshop on “Repercussions in Eye Microcirculation of Patients with Systemic Vascular Disease”
Carlota Saldanha, University of Lisbon, Portugal
Paulo Filipe, University of Lisbon, Portugal

Track 3: Glaucoma: Visual Field Loss
Track 4: Neuro-Ophthalmology

Session Introduction

Session Chair: Rebecca M. Sappington, Vanderbilt University School of Medicine, USA
Session Co-Chair: Janardan Kumar, Becker College, USA

Title: Potential contribution of IL-6 trans-signaling to the pathophysiology of glaucoma
Rebecca M. Sappington, Vanderbilt University School of Medicine, USA

Title: An overview of RGD-containing peptides research and it’s potentials to the field of glaucoma therapy and/or vitreolysis
Janardan Kumar, Becker College, USA

Title: Use of the Cogan lid twitch to identify Myasthenia gravis
Noelle S. Matta, Eye Group in Lancaster Pennsylvania, USA

Title: Myelin damage after NAION impacts visual function and recovery
Steven L. Bernstein, University of Maryland at Baltimore School of Medicine, USA

Lunch Break @ Annapolis Room

Title: East London glaucoma prediction score: A web based glaucoma risk calculator. Influence on screening in particular diabetic retinopathy
Stephen Paul Cameron Cook, Walter Sisulu University, South Africa

Title: Evaluating the accuracy of the visual field index for the Humphrey visual field analyser in a population of patients with mild to moderate glaucoma
Renee Talbot, University of British Columbia, Canada

Title: Soluble guanylate cyclase: An emerging therapeutic target in primary open angle glaucoma
Emmanuel Buys, Harvard Medical School, USA

Title: Does seeing in viewpoint perspective require awareness?
Chris Lange-Kuettner, London Metropolitan University, UK
Track 1: Cornea & External Eye Disease
Session Chair: Manuel B. Datiles, National Institutes of Health, USA
Session Co-Chair: Yassine J. Daoud, The Johns Hopkins University School of Medicine, USA
Title: Clinical detection and monitoring of pre-cataractous lens changes using a dynamic (or Quasi-elastic) light scattering device
Manuel B. Datiles, National Institutes of Health, USA
Title: Use of femtosecond laser in cataract surgery
Yassine J. Daoud, The Johns Hopkins University School of Medicine, USA

Coffee Break @ Prefunction Area
Title: Coordinating epithelial cell proliferation and migration in corneal wound healing
Arpitha Parthasarathy, US Medical Innovations, USA
Title: Corneal collagen crosslinking: Past, present and future of conservative treatment for keratoconus
Miguel Rechichi, Magna Graecia University, Italy
Title: Chromatic aberration and polychromatic image quality with diffractive multifocal lenses
Sowmya Ravikumar, University of California Berkeley, USA
Title: Past, present and future of artificial corneas: Ukraine experience
Oleksiy Buznyk, Filatov Institute of Eye Diseases and Tissue Therapy of the NAMS of Ukraine, Ukraine
Title: Surgical management of dislocated IOL's
Yassine J. Daoud, The Johns Hopkins University School of Medicine, USA
Title: A severe case of conjunctival papilloma in a five year old female
Oseluese Anastasia Dawodu, University of Benin Teaching Hospital, Nigeria

Track 2: Retina & Retinal Disorders
Session Chair: Sayon Roy, Boston University School of Medicine, USA
Session Co-Chair: Eugenia Poliakov, National Eye Institute, USA
Session Co-Chair: Elia J. Duh, Johns Hopkins School of Medicine, USA
Title: Animal models of age-related macular degeneration in different species
Chi-Chao Chan, National Institutes of Health, USA
Title: Angioinhibitory signaling mechanism(s) in choroidal endothelial cells by endogenous metabolite
Sudhakar Akul-Yakkanti, Stanford Research Institute (SRI) International, USA
Title: Key role of alpha-Crystallins in aging-related retinal disorders
Patrice E. Fort, University of Michigan, USA
Title: Long-term multiple A2E treatment leads to melanization of ARPE19 cells
Eugenia Poliakov, National Eye Institute, USA
Title: Cell-to-cell communication in diabetic retinopathy
Sayon Roy, Boston University School of Medicine, USA
Title: Current choices in the repair of primary retinal detachments
Frank LaFranco, Northwestern University, USA

Coffee Break @ Prefunction Area
Title: Intravitreal bevacizumab combined with infliximab in the treatment of choroidal neovascularization secondary to age-related macular degeneration: Case report series
Luiz Guilherme, Hospital of Olhos Santa Luzia, Brazil
Title: Oxidative stress and inflammation in diabetic retinopathy and retinal vascular diseases: Modulation by Nrf2
Elia J. Duh, Johns Hopkins School of Medicine, USA
Title: Evaluation of a posterior vitreous detachment: A comparison of biomicroscopy, B-scan ultrasonography and optical coherence tomography to surgical findings with chromodissection
Nadia Kicova, Philipps University Marburg, Germany

Title: Advanced glaucoma patients- Quality of life, daily difficulties in a videotaped evaluation and a new device for administrating eye drops
Ana Miguel, Polyclinique de la Baie, France

Title: Soluble lutein (lutemax2020®) prevents retinal damage in streptozotocin (stz)-induced diabetic rats
Vijaya Juturu, OmniActive Health Technologies Inc. Morristown, USA

Title: Preventive management of pre-clinical diabetic macular edema
Shahid Wahab, Dow University of Health Sciences, Pakistan

Title: Early mechanisms of retinal degeneration in a mouse mimic of oculodentodigital dysplasia (ODDD)-related glaucoma
Mohammad Ali Faraz, Western University, Canada

Cocktails sponsored by Journal of Clinical & Experimental Ophthalmology @ Prefunction Area

Day 2 July 15, 2014
Harbor Room

Keynote Forum

Sayon Roy
Boston University School of Medicine, USA

Jayne S. Weiss
Louisiana State University Health Sciences Center, USA

Session Introduction

Speaker session: Schnyder Corneal Dystrophy and UB1AD1 function
Session Chair: Michael L. Nickerson, National Institutes of Health, USA
Session Co-Chair: Michael Dean, National Cancer Institute at Frederick, USA

Title: Insights into eye diseases and biology using genetics
Michael Dean, National Cancer Institute at Frederick, USA

Title: Schnyder corneal dystrophy- A window to insights on cholesterol, vitamin K and Parkinson's disease?
Jayne S. Weiss, Louisiana State University Health Sciences Center, USA

Coffee Break @ Prefunction Area

Title: Schnyder corneal dystrophy- Abnormal cholesterol homeostasis in a connective tissue
Xueting Jin, National Health of Institutes, USA

Title: Genetic analysis of families with Schnyder corneal dystrophy identifies UBIAD1, an enzyme producing endogenous vitamin K, which interacts with enzymes regulating cholesterol synthesis and storage
Michael L. Nickerson, National Institutes of Health, USA

Title: The role of TERE1/UBIAD1 in urologic oncology: History and current investigations
Bruce Malkowicz, University of Pennsylvania, USA

Title: Generation and characterization of brain-specific UBIAD1-deficient mice using a nestin promoter-driven cre/loxP strategy
Kimie Nakagawa, Kobe Pharmaceutical University, Japan

Title: Crystal structures of a UbiA superfamily prenyltransferase
Weikai Li, Washington University in St. Louise, USA

Title: Vitamin K2, as electron carrier molecule, holds potential as novel therapeutic strategy in Parkinson’s disease
Melissa Vos, Center for Human Genetics & Leuven Research Institute for Neurodegenerative Diseases, Belgium

Lunch Break @ Annapolis Room

Poster Presentations @ Prefunction Area
**Track 5: Ocular Microbiology & Immunology**

**Session Introduction**

**Session Chair:** Elizabeth A Berger, Wayne State University School of Medicine, USA  
**Session Co-Chair:** Eleftherios I. Paschalis, Harvard Medical School, USA

**Title:** Fibrinogen effects on erythrocyte nitric oxide mobilization in presence of timolol  
Carlota Saldanha, University of Lisbon, Portugal  
**Title:** Immunoregulation of bacterial-induced keratitis  
Elizabeth A Berger, Wayne State University School of Medicine, USA  
**Title:** Interferon alpha-2b in the treatment of refractory uveitic cystoid macular edema  
Nicholas J. Butler, Johns Hopkins University School of Medicine, USA  
**Title:** Juvenile rabbit animal model of lensectomy to evaluate therapeutic interventions for postoperative inflammation and fibrosis  
Iris Kassem, University of Illinois at Chicago Eye and Ear Infirmary Chicago, USA

**Coffee Break @ Prefunction Area**

**Title:** Alkali burn to the eye: Protection using TNF-α inhibition  
Eleftherios I. Paschalis, Harvard Medical School, USA  
**Title:** Mechanisms and modulation of corneal lymphangiogenesis  
Lu Chen, University of California at Berkeley, USA  
**Title:** Honey: Clinical applications and scope as an alternate antibacterial therapy in multi-resistant ocular bacterial infections especially involving MRSA  
Shamim Ahmad, Aligarh Muslim University, India

**Track 6: Research Trends in Surgical & Medical Ophthalmology**

**Session Introduction**

**Session Chair:** Miguel Rechichi, Magna Graecia University, Italy  
**Session Co-Chair:** Nir Shoham-Hazon, Shoham-Hazon EyeCare, Canada

**Title:** The national ophthalmic genotyping and phenotyping network (eyegene®): Preserving vision through genetics  
Kerry Goetz, National Eye Institute, USA  
**Title:** Intraoperative in-vivo OCT pachymetric mapping during epi-off pulsed accelerated high fluence corneal collagen cross-linking with dextran free riboflavin  
Miguel Rechichi, Magna Graecia University, Italy  
**Title:** The use of polyisobutylene polymers for glaucoma drainage tubes and intraocular lenses  
Leonard Pinchuk, University of Miami Miller School of Medicine, USA  
**Title:** Novel ab-interno Minimally Invasive Glaucoma Surgery (MIGS)- The XEN45 microfistula  
Nir Shoham-Hazon, Shoham-Hazon EyeCare, Canada  
**Title:** Naso lacrimal duct tumors in the era of endoscopic sinus surgery  
Faiz Tanweer, Leeds General Infirmary, UK

**Cocktails sponsored by International Journal of Ophthalmic Pathology @ Prefunction Area**

**Day 3 July 16, 2014**

**Harbor Room**

**Track 7: Novel Approaches to Ophthalmology Therapeutics**

**Session Introduction**

**Session Chair:** Ashim K. Mitra, University of Missouri-Kansas City School of Pharmacy, USA  
**Session Co-Chair:** Kay Rittenhouse, Ocular Drug Development Strategies LLC, USA
Title: Emerging technologies in controlled long term delivery of ocular therapeutics
Ashim K. Mitra, University of Missouri-Kansas City School of Pharmacy, USA

Title: siRNAs- Are they a viable therapeutic approach for eye diseases?
Kay D. Rittenhouse, Ocular Drug Development Strategies LLC, USA

Title: A new platform for sustained topical delivery of antiglaucoma drugs
Hu Yang, Virginia Commonwealth University, USA

Title: Adeno-associated virus-mediated delivery of amyloid β antibody for treatment of age-related retinal degenerative diseases
Ruslan N. Grishanin, Pfizer Pharmaceuticals, USA

Title: Engineering controlled release of therapeutics & comfort agents from novel therapeutic contact lenses
Mark E. Byrne, Auburn University, USA

Title: Nanotechnology guided delivery of siRNA in retinal vascular disease
Ashwath Jayagopal, Vanderbilt Eye Institute, USA

Title: An intriguing nutraceutical approach in dogs affected by Keratoconjunctivitis sicca in a human treatment perspective
Beniamino Palmieri, University of Modena, Italy

Title: Mixed nanomicelles of dexamethasone- A new topical therapy for Posterior uveitis
Sai HS Boddu, The University of Toledo, USA

Title: Transient paralysis during acupuncture therapy: A case report of an adverse event
Anne Beable, Trevithick Surgery, UK

Title: Engineering an end to post-vitrectomy cataracts
Shlomit Schaal, University of Louisville, USA

Title: Dendrimer-based targeted nanotherapeutics for ocular inflammation
Kannan Rangaramanujam, Johns Hopkins School of Medicine, USA
Title: On the holy grail of antibiotics in trabeculectomy: Amniotic membrane, collagen implant versus mitomycin C
Kirti Singh, Maulana Azad Medical College, India

Title: Fluoride intake increases oxidative burden of cataractogenesis in fluoride endemic areas in India
Swati Tomer, NIMS University, India
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Opening Ceremony

Keynote Forum

Title: Lipase involvement in the retina-protective activity of PEDF  
S Patricia Becerra, National Eye Institute, USA

Title: Discovery of glaucoma pathogenic pathways and new therapeutic targets  
Abbot F Clark, University of North Texas Health Science Center, USA

Title: Modulation of erythrocyte nitric oxide bioavailability  
Carlota Saldanha, Institute of Biochemistry, Portugal

Title: Preventive interventions for rising intraocular pressure: Development of an observation scale  
Bonnie Molloy, Yale New Haven Health Systems, USA

Coffee Break @ Hickory

Track 2: Ophthalmic Research and Drug Development  
Track 3: Glaucoma

Session Introduction

Title: Lipase involvement in the retina-protective activity of PEDF  
S Patricia Becerra, National Eye Institute, USA

Title: Discovery of glaucoma pathogenic pathways and new therapeutic targets  
Abbot F Clark, University of North Texas Health Science Center, USA

Title: Modulation of erythrocyte nitric oxide bioavailability  
Carlota Saldanha, Institute of Biochemistry, Portugal

Title: Preventive interventions for rising intraocular pressure: Development of an observation scale  
Bonnie Molloy, Yale New Haven Health Systems, USA

Lunch Break @ Hickory

Track 1: Recent Approaches in Clinical Ophthalmology

Coffee Break @ Hickory

Title: Dynamic assessment of binocular coordination and functional implications  
Erik Viirre, University of California, USA

Title: Adjunctive role of methotrexate in infectious uveitis  
Ozlem Gurses Sahin, Dunya Goz Hospital, Turkey
Title: A comparative assessment of intraocular pressure in prolonged steep Trendelenburg position vs. dorzolamide/timolol ophthalmic solution (Cosopt™) [DT] intervention
Bonnie Molloy, Yale New Haven Health Systems, USA

Title: Contact lenses fitting after intracorneal ring in keratoconus
Luciane B Moreira, Federal University of Parana, Brazil

Title: An essential role for NOD2 in mitigation of experimental autoimmune uveitis
Holly L Rosenzweig, Oregon Health & Science University, USA

Title: Adding inferior rectus to inferior oblique recession bilaterally alters horizontal deviation in primary position
Moustafa S Abdelhafez, Magrabi Eye Center, Saudi Arabia

Panel Discussions

Cocktails sponsored by Journal of Clinical & Experimental Ophthalmology @ Hickory

Day 2 April 16, 2013
Almond

Workshop @ Almond

Title: Empowering retina patients with an at-home monitoring capability
Christopher Hekimian, dxdt Engineering and Research, USA

Track 5: Ageing and Vision Impairment
Track 6: Current Trends and Research in Ophthalmology
Track 7: Ophthalmic Diseases

Session Introduction

Title: Emerging role of crystallin proteins in retinal neurodegenerative diseases
Patrice E Fort, University of Michigan, USA

Title: A new model of low vision rehabilitation
Susan J Leat, University of Waterloo, Canada

Coffee Break @ Pine

Title: Anti-VEGF treatment increases survival rate in high-risk corneal grafts
Iva Dekaris, University Eye Hospital Svetlost, Croatia

Title: A comparative study of topical versus intrastromal injection plus topical voriconazole for treatment of deep or resistant fungal keratitis
Ayman Ahmed Alkawas, Zagazig University, Egypt

Title: Mismatched mesenchymal stem cells as an initial trigger of ocular chronic graft-versus-host disease following allogeneic bone marrow transplantation
Yoko Ogawa, Keio University School of Medicine, Japan

Title: Associations of VEGF polymorphisms in choroidal neovascularization secondary to high myopia
Kenji Yamashiro, Kyoto University, Japan

Title: Descemet stripping automated endothelial keratoplasty- Is a thinner donor lamella the better choice?
Iva Dekaris, University Eye Hospital Svetlost, Croatia

Title: Renin-angiotensin system (RAS) involvement in the oxidative stress-Induced impairment of retinal neuronal cells
Yoko Ozawa, Keio University School of Medicine, Japan

Lunch Break @ Pine

Special Session: Pathogenesis of Retinal Degenerative Diseases

Title: New mechanisms and treatment modalities for retinal degenerative diseases
Hemant Khanna, University of Massachusetts Medical School, USA

Title: Potassium channelopathy leading to vitreoretinal degeneration
Bikash R Pattnaik, University of Wisconsin School of Medicine and Public Health, USA

Title: Ablation of the X-linked retinitis pigmentosa 2 (Rp2) gene in mice results in opsin mistrafficking and photoreceptor degeneration
Linjing Li, University of Massachusetts Medical School, USA

Title: Inositol phosphatase in primary cilia and eye development
Yang Sun, Indiana University, USA

Track 4: General Ophthalmology

Session Introduction

Title: (Pro)renin receptor is associated with angiogenic activity in proliferative diabetic retinopathy
Susumu Ishida, Hokkaido University Graduate School of Medicine, Japan

Title: A quantitative retina test grid
Christopher Hekimian, dxdt Engineering and Research, USA

Coffee Break @ Pine
Title: The effect of retinal stimulation on internal visualization systems
Deborah Zelinsky, Mind Eye Connection, USA

Title: Short-term surgical outcome of 25-gauge vitrectomy in epiretinal membrane with good visual acuity
Hiroyuki Nakashizuka, Nihon University School of Medicine, Japan

Title: Adding superior oblique expander to contralateral superior rectus recession in correction of vertical deviation on lateral gaze
Moustafa S Abdelhafez, Magrabi Eye Center, Saudi Arabia

Title: Traditional Chinese medicine compound eye ophthalmic preparation of slow-release preparation, and prevention and treatment of eye diseases of vascular disease
Chaoying Li, Chang Chun University of Traditional Chinese Medicine, China

Title: Impact of visual impairment on vision-specific quality of life among older adults living in nursing-home
Mahesh Kumar Dev, Children’s Hospital for Eye Ear and Rehabilitation Services (CHEERS), Nepal

Title: Accommodation/vergence eye movements and neck/scapular area muscular activation: Gaze control with relevance for work related musculoskeletal disorders
Hans Olof Richter, University of Gavle, Sweden

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**Poster Presentations**

Cocktails sponsored by *International Journal of Ophthalmic Pathology*

**Day 3  April 17, 2013**

**Aspen I**

**Track 8: Ophthalmic Diagnostics**
**Track 9: Advances and Innovations in Ophthalmic Surgery**
**Track 10: Novel Approaches to Ophthalmology Therapeutics**

**Session Introduction**

Title: Identification of the bioactive molecular weight fractions that enhance RPE survival on AMD and aged Bruch’s membrane
MA Zarbin, University of Medicine and Dentistry of New Jersey, USA

Title: Ultra structural and cellular changes in retinal vasculature during pathogenesis of diabetic retinopathy
Sayon Roy, Boston University School of Medicine, USA

Title: A novel approach to pathogenesis and treatment of Fuchs endothelial corneal dystrophy
Alireza Ziaei, Harvard Medical School, USA

Title: The neuroinflammatory microenvironment: implications for IL-6- and other cytokine-related therapies reinforced composite structure
Rebecca M Sappington, Vanderbilt University School of Medicine, USA

Title: An approach to reconstructing an outer retina from human embryonic stem cells to study pharmaceuticals and mechanisms of retinal degeneration
Lawrence J Rizzolo, Yale University School of Medicine, USA

**Coffee Break @ Pine**

Title: The therapeutic potential of 670nm light in retinal disorders
Rizalyn Albarracin, The Australian National University, Australia

Title: Early detection of age related macular degeneration using color fundus imaging: A telemedicine platform
Alaadin Bhuiany, Commonwealth Scientific and Industrial Research Organization, Australia

Title: A review of cystic lesions of the orbit in upper Egypt children
Abd El Nasser A Mohamed, Assiut University Hospital, Egypt

Title: Treatment options of uveitis, current standards and what’s coming
David S Chu, New Jersey Medical School, USA

**Panel Discussions**

**Award Ceremony**

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