19th Global Ophthalmology Summit
February 26-27, 2018 | Berlin, Germany

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops  Exhibitors  B2B Meetings

***For available speaker slots***
ophthalmologysummit@ophthalmologyconferences.org
## Program at A Glance

### Day 1

<table>
<thead>
<tr>
<th>Morning Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reception/Registration</td>
</tr>
<tr>
<td>General Session</td>
</tr>
<tr>
<td>Inaugural Address</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Least of 3 Keynote/Plenary Talks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keynote/Plenary Talk 1 <strong>(slots available)</strong></td>
</tr>
<tr>
<td>Keynote/Plenary Talk 2 <strong>(slots available)</strong></td>
</tr>
<tr>
<td>Keynote/Plenary Talk 3 <strong>(slots available)</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Panel Discussions/Group Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffee/Tea Break (Networking)</td>
</tr>
</tbody>
</table>

| 5 Speakers (20min) **slots available** |
| Lunch Break |
| 6 Speakers (20min) **slots available** |

### Day 2

<table>
<thead>
<tr>
<th>Morning Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1</td>
</tr>
<tr>
<td>Session 2</td>
</tr>
</tbody>
</table>

| 5 Speakers (20min) **slots available** | 5 Speakers (20min) **slots available** |
| Coffee/Tea Break (Networking) |

| 5 Speakers (20min) **slots available** | 5 Speakers (20min) **slots available** |
| Lunch Break |

| 5 Speakers (20min) **slots available** | 5 Speakers (20min) **slots available** |
| Coffee/Tea Break (Networking) |

| 5 Speakers (20min) **slots available** | 5 Speakers (20min) **slots available** |

| Award & Closing Ceremony |

**NOTE: Program Schedule is subject to change with final allotment of the speaker slots**

For more Details PS: [http://ophthalmologysummit.conferenceseries.com/](http://ophthalmologysummit.conferenceseries.com/)
Conference Highlights

- Clinical Ophthalmology
- Retina and Retinal Diseases
- Cornea disorder and treatments
- Cataract and Refractive Surgery
- Ophthalmology Surgery
- Glaucoma: a vision loss
- Neuro Ophthalmology
- Pediatric Ophthalmology
- Behavioural Optometry
- Ocular Pharmacology and Therapeutics
- Ophthalmology Imaging and Instruments
- Ophthalmology Research and Novel Approaches
- Ophthalmologists Career and Training
- Entrepreneurs Investment Meet

For detailed sessions, please visit: http://ophthalmologysummit.conferenceseries.com/
Submit your abstract online at: http://ophthalmologysummit.conferenceseries.com/abstract-submission.php
Register online: http://ophthalmologysummit.conferenceseries.com/registration.php
Glimpses of Ophthalmology Summit
Glimpses of Ophthalmology Summit
Plan your Trip to Berlin, Germany
Scientific Program

Proceedings of

9th Global Ophthalmology Summit

March 15-16, 2017   London, UK

Hosting Organizations: Conference Series LLC
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Conference Series Ltd
Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499
Email: ophthalmologysummit@ophthalmologyconferences.com
### Chamber Suite

#### Registration

#### Chamber Suite

#### Opening Ceremony

#### Keynote Forum

**Title:** Intense ultra-regulated pulsed light in the treatment of Meibomian Gland Dysfunction  
**Presenter:** Prof. Carlos Verges, Director of Área Oftalmológica Avanzada, Spain

#### Special Session

**Title:** Treatment of optic disc pit associated serous Macular Detachment: Case Reports  
**Presenter:** Magno Ferriera, Chairman Federal University Of Uberlandia-UFU, Brazil

#### Networking & Refreshment Break

#### Special Session

**Title:** Sub-foveal choroidal thickness in diabetics and non-diabetics  
**Presenter:** Mouna Al Saad, University of Jordan, Jordan

**Title:** Colony Forming Units - Endothelial Progenitor Cells (CFU-EPCs) — A surrogate marker for diabetic retinopathy and high cardiovascular mortality rate  
**Presenter:** Dorina Cheles, Department of Ophthalmology Baruch Padeh Medical Center, Israel

**Title:** Enabling patient-centred care through information and technology: Worcester model for digital patient education  
**Presenter:** Tarun Sharma, Worcestershire Acute Hospitals NHS Trust, UK

#### Lunch Break

#### Special Session

**Title:** Selection strategy of different surgical methods for abducens nerve palsy  
**Presenter:** Xiaoqin Jin, Wuhan Eyegood Ophthalmic Hospital, China

#### Sessions:

- Ophthalmology Surgery  
- Microbiology in Ophthalmology

**Session Chair:** Magno Ferriera, Chairman Federal University Of Uberlandia-UFU, Brazil

**Title:** Trabectome vs I-stent in moderate open-angle glaucoma-single surgeon results  
**Presenter:** Tarun Sharma, Worcestershire Acute Hospitals NHS Trust, UK

**Title:** Equatorial scleral anchor for the weakening of the inferior oblique muscle  
**Presenter:** Lelio Sabetti, University of L’Aquila, Italy

**Title:** Under eye filler practices as under eye hollows and dark circles treatments  
**Presenter:** Seyda Atabay, Private Clinic, Turkey

**Title:** Candida endophthalmitis following penetrating Keratoplasty in patient with negative donor rim  
**Presenter:** Mouna Al Saad, University of Jordan, Jordan

#### Networking & Refreshment Break

#### Special Session

**Title:** Algorithm of periorbital area rejuvenation  
**Presenter:** Seyda Atabay, Private Clinic, Turkey
Day 2 | March 16, 2017 | Thursday
Chamber Suite

Keynote Forum

**Title: Osmolarity in Dry Eye Disease**
Rolando Toyos, Medical Director and Founder of Toyos Clinic, USA

Special Session

**Title: Basic research about the neural connections between the eye and the neuroendocrine system**
Katalia Koves, Semmelweis University of Medicine, Hungary

Networking & Refreshment

Sessions:
- Neuro-Ophthalmology
- Cornea Infection and Inflammation
- Glaucoma

Session Chair: Brunno Dantas, Brazilian Society Of Ophthalmology, Brazil

Session Introduction

**Title: Neurobiological oriented treatment for amblyopia and amblyopia comorbid with refractive squint, diplopia, and headache**
Jagmohan Dyal Singh, USA

**Title: Orthokeratology in keratoconus**
Brunno Dantas, Brazilian Society Of Ophthalmology, Brazil

**Title: A new model for developing intravitreal formulations**
Sahar Awaad, UCL, UK

**Title: Spaceflight and radiation induces microvessel and structural damage in ocular tissue**
Xiao Wen Mao, Loma Linda University School of Medicine and Medical Center, Loma Linda, CA, U.S.A.

Lunch Break

Sessions:
- Ophthalmology Instruments
- Optometrist Courses

Session Chair: Jason Chin, Andover Eye Associates and New England College of Optometry, USA

**Title: Management of a case of Cherubism pseudo ptosis and euryblepharon by orbital floor decompression**
Hala Nassim, King Fahad Hospital of the University, Saudi Arabia

**Title: Incorporating clinical trials into your daily practice**
Jason Chin, Andover Eye Associates and New England College of Optometry, USA

**Title: A decrease in VEGF and inflammatory markers is associated with diabetic proliferative retinopathy**
Dorina Cheles, Department of Ophthalmology Baruch Padeh Medical Center, Israel

**Title: Training system for ophthalmologists from rural China: Experience from Joint Shantou International Eye Center**
Minghi Zhang, Shantou University Chinese University of Hong Kong Joint Shantou International Eye Center, China

**Title: The effects of the quantum on dry eye due to Meibomian Gland Dysfunction**
Rolando Toyos, Medical Director and Founder of Toyos Clinic, USA

**Title: OCT Macular ganglion layer analysis in Neuro-ophthalmology**
Umur Kayabashi, Turkey

Networking & Refreshment

Awards & Closing Ceremony
6th Global Ophthalmologists Annual Meeting

May 16-18, 2016  Osaka, Japan
## Scientific Program

### Day 1  May 16, 2016

#### Registrations

#### Osaka

**Opening Ceremony**

**Keynote Forum**

**Introduction**

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

**Workshop**

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

---

**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

**Panel Discussions**

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

**Task 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

**Networking & Refreshments Break**

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

---

Osaka conferenceseries.com
Title: Protecting the developing retina in retinopathy of prematurity
Amy C Y Lo, The University of Hong Kong, Hong Kong

Panel Discussions

Title: Diabetic retinopathy and foveal hypoplasia
Ayala Pollack, Kaplan Medical Center, Israel

Symposium

Day 2 May 17 2016

Sapphire

Keynote Forum

Title: Progress of the 28-year laser vision technology
J T Lin New Vision, Inc. Taipei, Taiwan

Instruction Course

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

Track 3: Research Trends in Surgical and Medical Ophthalmology

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
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

Lunch Break

Symposium

Track 4: Glaucoma

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

Networking & Refreshments Break

Track 1: Ophthalmology Practise

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

Panel Discussions

Day 3 May 18 2016

Sapphire
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

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

Young Researcher Forum

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, NewDelhi

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

Bookmark your dates

11th Global Ophthalmologists Annual Meeting

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

Hall-B

Opening Ceremony

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

Lunch Break @ Orwells Restaurant

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 ambyloptic 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
Day 2  June 07, 2016

Hall-B

Keynote Forum

Birgit Lorenz
Justus-Liebig-University Giessen, Germany

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

Session Introduction

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

Coffee Break @ Foyer

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 Cameroon 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

Lunch Break @ Orwells Restaurant

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

Young Researchers Forum

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

Coffee Break & Poster Presentation @ Foyer

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
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

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

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

Day 1  August 04, 2015

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

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: 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

Ultra-thin descemet 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

Valencia-C

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 Durán, 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

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

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

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 amnion membrane transplantation with mitomycin C in rec-current pterygium
Mohammed Othman Abdel Khaled 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

Future perspectives of glaucoma
Janardan Kumar, Becker College, 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

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**

### Poster Presentations

<table>
<thead>
<tr>
<th>P01</th>
<th>Numerical modeling of refractive changes in diabetic subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Robert Szuba, Adam Mickiewicz University, Poland</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P02</th>
<th>A comparison between macular and retinal nerve fiber thickness in recovered and persistent unilateral amblyopia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sanaa Yassin, University of Dammam, Saudi Arabia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P03</th>
<th>BRCA1/2 mutations are not associated with risk of exudative age-related macular degeneration in ashkenazi jews</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shirel Rosnnewasser-Weiss, Felsenstein Medical Research Center, Israel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P04</th>
<th>Retinal safety studies of intravitreal injection of Rg1 ginsenosides on normal rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lina Huang, Shenzhen Eye Hospital, China</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P05</th>
<th>The associations of HLA-DP locus with Posner-Schlossman syndrome in Southern Chinese Han population</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jun Zhao, Shenzhen Eye Hospital, China</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P06</th>
<th>Complications of uveitis in children according to age: The risk of amblyopia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rola N Hamam, American University of Beirut, Lebanon</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P07</th>
<th>New diagnostic approaches based on ocular manifestations and novel therapeutical interventions in Behcet disease</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Forough kheiry, Islamic Azad University of Tehran, Iran</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P08</th>
<th>Efficacy of intravitreal ranibizumab injection in eyes with diabetic macular edema</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Norihiro Shimizu, Chiba University Graduate School of Medicine, Japan</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P09</th>
<th>Dry form of age-related macular degeneration associations with; systemic disorders</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amila Chandrasekera, Vision Care Optical Service Pvt Ltd, Sri Lanka</td>
</tr>
</tbody>
</table>
"Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: ophthalmology2014@omicsonline.net
Day 1           July 14, 2014

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

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 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 its 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 Introduction**

**Session Chair:** Manuel B. Datiles, National Institutes of Health, USA  
**Session Co-Chair:** Yassine J. Daoud, The Johns Hopkins University School of Medicine, USA

<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter &amp; Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical detection and monitoring of pre-cataractous lens changes using a dynamic (or Quasi-elastic) light scattering device</td>
<td>Manuel B. Datiles, National Institutes of Health, USA</td>
</tr>
<tr>
<td>Use of femtosecond laser in cataract surgery</td>
<td>Yassine J. Daoud, The Johns Hopkins University School of Medicine, USA</td>
</tr>
</tbody>
</table>

**Coffee Break @ Prefunction Area**

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

---

### Track 2: Retina & Retinal Disorders

**Session Introduction**

**Session Chair:** Sayon Roy, Boston University School of Medicine, USA  
**Session Co-Chairs:** Eugenia Poliakov, National Eye Institute, USA; Elia J. Duh, Johns Hopkins School of Medicine, USA

<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter &amp; Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal models of age-related macular degeneration in different species</td>
<td>Chi-Chao Chan, National Institutes of Health, USA</td>
</tr>
<tr>
<td>Angioinhibitory signaling mechanism(s) in choroidal endothelial cells by endogenous metabolite</td>
<td>Sudhakar Akul-Yakkanti, Stanford Research Institute (SRI) International, USA</td>
</tr>
<tr>
<td>Key role of alpha-Crystallins in aging-related retinal disorders</td>
<td>Patrice E. Fort, University of Michigan, USA</td>
</tr>
<tr>
<td>Long-term multiple A2E treatment leads to melanization of ARPE19 cells</td>
<td>Eugenia Poliakov, National Eye Institute, USA</td>
</tr>
<tr>
<td>Cell-to-cell communication in diabetic retinopathy</td>
<td>Sayon Roy, Boston University School of Medicine, USA</td>
</tr>
<tr>
<td>Current choices in the repair of primary retinal detachments</td>
<td>Frank LaFranco, Northwestern University, USA</td>
</tr>
</tbody>
</table>

**Coffee Break @ Prefunction Area**

<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter &amp; Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intravitreal bevacizumab combined with infliximab in the treatment of choroidal neovascularization secondary to age-related macular degeneration: Case report series</td>
<td>Luiz Guilherme, Hospital of Olhos Santa Luzia, Brazil</td>
</tr>
<tr>
<td>Oxidative stress and inflammation in diabetic retinopathy and retinal vascular diseases: Modulation by Nrf2</td>
<td>Elia J. Duh, Johns Hopkins School of Medicine, USA</td>
</tr>
</tbody>
</table>
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 administering 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 UBIAD1 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
Title: Emerging role of UBIAD1 in embryonic development of mammals  
Toshio Okano, Kobe Pharmaceutical University, Japan

Title: UBIAD1 is an antioxidant enzyme that regulates NO signaling by CoQ10 synthesis  
Massimo M. Santoro, Vesalius Research Center, Belgium

**Track 5: Ocular Microbiology & Immunology**

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

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

**Coffee Break @ Prefunction Area**

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

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

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

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

Cocktails sponsored by International Journal of Ophthalmic Pathology @ Prefunction Area

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

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

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

Cocktails sponsored by International Journal of Ophthalmic Pathology @ Prefunction Area

**Harbor Room**

**Day 3**  
**July 16, 2014**
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

---

Track 8: Ophthalmic Research & Drug Development

Session Introduction

Session Chair: Tao L. Lowe, University of Tennessee College of Pharmacy, USA

Session Co-Chair: Ruiwen Shi, Allergan Inc., USA

Title: Craft materials to overcome ocular barriers  
Tao L. Lowe, University of Tennessee College of Pharmacy, USA

Title: Non-degradable and biodegradable implants  
Ruiwen Shi, Allergan Inc., USA

Title: Equilibrium binding interactions between lotrafilcon a soft contact lenses and the two prostaglandin antiglaucoma drugs bimatoprost and tafluprost  
Richard A. Kenley, Advantar Laboratories, Inc., USA

Title: Preparing and obtaining quality compounded ophthalmic preparations  
Linda F. McElhiney, Indiana University Health, USA

Title: Ocular melanin modulates pharmacokinetics and drug disposition of therapeutic agents  
Viral Kansara, Novartis Institutes for Biomedical Research, USA

Title: Two-photon microscopy and fluorescence lifetime imaging of retinal tissues under lipid peroxidation  
Yoko Miura, University of Luebeck, Germany

---

Title: Dendrimer-based targeted nanotherapeutics for ocular inflammation  
Kannan Rangaramanujam, Johns Hopkins School of Medicine, USA

Title: Update on Management of Orbital Inflammation  
Timothy J. McCulley, Johns Hopkins University School of Medicine, USA

Title: Recent progress in computational modeling of human visual attention  
Ali Borji, University of Southern California, 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