Scientific Program

International Conference on

Eye Disorders and Treatment

July 13-15, 2015    Baltimore, USA


OMICS International Conferences
Email: eye@omicsgroup.com; eye@conferenceseries.net
Day 1
July 13, 2015

07:30-08:30  Registrations

Harbor Room

08:20-08:50  Opening Ceremony

Keynote Forum

08:50-08:55  Introduction
08:55-09:25  Manuel B Datiles
              National Institutes of Health, USA
09:25-09:55  Jan Bonel
              Visiometrics, Spain
09:55-10:25  Manuel Jose Justiniano
              Bolivian Society of Glaucoma, Bolivia

08:50-08:55  Introduction
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Group Photo

Networking & Refreshments Break 10:35-11:00  @ Foyer

Symposium

Chair: Arpitha Parthasarathy, US Medical Innovations, USA

11:00-11:25  Selective ablation of ocular cancer cells and cancer stem cells with Cold atmospheric plasma
Arpitha Parthasarathy, US Medical Innovations, USA

11:25-11:50  Advances in prognostication for Uveal melanoma
Mary Beth A, Johns Hopkins University, USA

Panel Discussion (11:50-12:05)

Track 1: Eye-Sight and Vision: An Overview
Track 2: Cornea and Corneal Diseases
Session Chair: Cesar Gomezperalta, Vision Percepcion, Mexico
Session Co-Chair: Sandra Franco, University of Minho, Portugal

12:05-12:30  Recent advances in corneal lymphangiogenesis
Lu Chen, University of California, USA

12:30-12:55  Nanomedicine for treating corneal allograft rejection
Qingguo Xu, Johns Hopkins University, USA

Lunch Break 12:55-13:40  @ Eden’s Landing Restaurant

13:40-14:05  Real-time measurement of monochromatic ocular wavefront aberrations: Techniques and applications
Sandra Franco, University of Minho, Portugal

14:05-14:30  The morphological changes in the rabbit cornea in experimental corneal wounds healing with monitoring of the corneal electrolyte contents with an Energy Dispersive X-ray Analyzer (EDAX)
Hamdy M Aly, Ain Shams University, Egypt

Panel Discussion (14:30-14:40)

Special Session

14:40-15:40  Quality of vision and life perception after Automated lamellar keratoplasty for treating moderate to severe keratoconus: Day one to full recovery
Cesar Gomezperalta, Vision Percepcion, Mexico

Networking & Refreshments Break 15:40-16:00  @ Foyer

Track 3: Retina and Retinal Disorders
Track 4: External Eye Diseases and Disorders
Session Chair: Zheng Rong Lu, Case Western Reserve University, USA
Session Co-chair: Kevin Gregory-Evans, University of British Columbia, Canada

16:00-16:25  Use of autologous serum eye drops for the dry and inflamed eye in severe ocular graft versus host disease
Manuel B Datiles, National Institutes of Health, USA

16:25-16:50  Developing new therapeutics in safe treatment of retinal diseases
Zheng Rong Lu, Case Western Reserve University, USA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:50-17:15</td>
<td>Combined scleral buckle and pars plana vitrectomy as a primary procedure for pseudophakic retinal detachments</td>
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<td>Hudson Nakamura, Eye Bank Foundation of Goias, Brazil</td>
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<td>17:15-17:40</td>
<td>Diabetes, TXNIP and early retinal disorders</td>
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<td>Lalit P Singh, Wayne State University, USA</td>
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<td>17:40-18:05</td>
<td>Nonsense suppression drugs and their potential in the treatment of eye disease</td>
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<td>Kevin Gregory-Evans, University of British Columbia, Canada</td>
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<td>18:05-18:30</td>
<td>New frontier of therapeutic intervention for retina disease</td>
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<td>Tina Guanting Qiu, Ophthalmic Innovation &amp; Biotherapeutics, USA</td>
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Panel Discussion (18:30-18:40)

Day 2   July 14, 2015

Harbor Room

Keynote Forum

<table>
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<tr>
<th>Time</th>
<th>Presentation</th>
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<tr>
<td>08:30-09:00</td>
<td>Albert S Khouri, Rutgers New Jersey Medical School, USA</td>
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<tr>
<td>09:00-09:30</td>
<td>Arpitha Parthasarathy, US Medical Innovations, USA</td>
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Panel Discussion (09:30-09:40)

Workshop

Chair: Daniel Valverde, University of Guayaquil, Ecuador

Ophthalmic telemedicine and glaucoma management

Albert S Khouri, Rutgers New Jersey Medical School, USA

Networking & Refreshments Break 10:40-11:00 @ Foyer

Track 7: Ocular Microbiology, Pathology and Immunology

Track 8: Protective Eye Care and New Advancements

Track 9: Research Trends in Surgical and Medical Ophthalmology

Session Chair: Hongrui Jiang, University of Wisconsin, USA

Session Co-Chair: Alexia Romanelli, Instituto Nacional de Oftalmologia, Bolivia

Session Introduction

11:00-11:25 | The application of protein array technology to investigations of ocular disease
            | Valerie Sloane Jones, RayBiotech, Inc., USA

11:25-11:50 | microRNAs in Diabetic retinopathy and its treatment
            | Shunbin Xu, Wayne State University, USA

11:50-12:15 | Chemical mutagenesis: Generation of novel mutants and elucidation of functional pathways in the eye
            | Patsy Nishina, The Jackson Laboratory, USA

12:15-12:40 | An accommodative contact lens for presbyopic correction
            | Hongrui Jiang, University of Wisconsin, USA

12:40-13:05 | Transfer factor strengthened and its contribution to the visual health and integral
            | Daniel Valverde, University of Guayaquil, Ecuador

Lunch Break 13:05-13:50 @ Eden’s Landing Resturant

Poster Presentations 13:50-14:30

14:30-14:55 | The nobility of therapeutic and optical lamellar keratoplasty for restoring vision and eye threatening conditions
            | Cesar Gomezperalta, Vision Percepcion, Mexico

14:55-15:20 | Protecting retinal cells against cigarette smoke components
            | Saffar Mansoor, Case Western Reserve University, USA

15:20-15:45 | To study the role of OCT and P-VEP in early diagnosis of Glaucoma
            | Chand Singh, Post Graduate Institute of Medical Sciences, India

Networking & Refreshments Break 15:45-16:10 @ Foyer

16:10-16:35 | Using scleral contact lenses for keratoconus management
            | Nezar Damati, Certified International Professional Trainer, Jordan

16:35-17:00 | Modified technique of Inferior oblique anterior transposition in DVD treatment reduces the Antielevation syndrome
            | Alexia Romanelli, Instituto Nacional de Oftalmologia, Bolivia

Panel Discussion (17:00-17:10)
### Session Introduction 09:00-09:25

**The dynamic structure-function model: A new approach to monitor glaucoma progression**

*Lyne Racette, Indiana University, USA*

**Rho-GTPase activators mediated regulation of fluid dynamics as a novel target for the pathophysiology of glaucoma**

*Janardan Kumar, Becker College, USA*

**Long range frontal/posterior phase synchronization during remembered pursuit task is impaired in schizophrenia**

*Nithin Krishna, University of Maryland, USA*

### Networking & Refreshments Break 10:15-10:40

### 10:40-11:05

*Cornea Cross linking with Verteporfin Nonthermal Laser Therapy*

*Saleh Alageel, Prince Sultan Military Medical City, Saudi Arabia*

**Need for visual pathway examination of the patient prior to bone marrow transplantation**

*Maryam Naser, Alslamic Azad University, Iran*

### Panel Discussion (11:30-11:40)

**Track 10: Ocular Drug Delivery System**

**Track 11: Vision Science and Optometry**

*Session Chair: Jan Bonel, Visiometrics, Spain*

*Session Co-chair: Samaha Dan, University of Montreal, Canada*

### Session Introduction 11:40-12:05

**History of OQAS/HD analyzer and quality of the tear film measured with an objective optical method**

*Jan Bonel, Visiometrics, Spain*

**Predicting primary angle closure suspects using anterior segment OCT: A new approach**

*Samaha Dan, University of Montreal, Canada*

**Profilaxis de endoftalmitis postquirúrgica: Un nuevo enfoque**

*Alidis Carina Montes Boscan, Centro Optico La Milagrosa, Venezuela*

**Vitreoreital lymphoma and intravitreal chemotherapy: Ocular and systemic outcomes**

*Kiran Turaka, Associated Retina Consultants Ltd., USA*

**New developPATents in the treatment of Infantile hemangiomia around the eye: Propranolol**

*Sherief R Janmohamed, University Hospital Brussel, Belgium*

### Lunch Break 13:45-14:25 @ Eden’s Landing Restaurant

### 14:25-14:50

**Rosai Dorfman disease of the ocular surface**

*Saeed AL Wadani, King Saud University, Saudi Arabia*

**Blunt scissors dissection for Deep anterior lamellar keratoplasty after failed big bubble technique**

*Didar S Anwar, Hawler Medical University, Iraq*

**Determining efficacy of full time occlusion therapy in Severe amblyopia patients at different ages**

*Bashir, Afghanistan Eye Doctors Society, Afghanistan*

### Panel Discussion (15:40-15:50)

### Award Ceremony