Scientific Program

15th International Congress on Vision Science and Eye
August 10-11, 2017 London, UK
09:00-09:30  Registrations

Atlantis 1

09:30-09:45  Opening Ceremony

Keynote Forum

09:45-10:30  Title: Ocular surface reconstruction: Current and future
Samer Hamada, The Eye Clinic London, UK

Introduction

10:30-10:45  Group Photo & Networking and Refreshments Break

Session Chair: Faisal Fayyad, Jordanian Hospital, Jordan

10:45-11:00  Title: Whales, lifespan, phospholipids and the cause and cure for cataracts
Douglas Borchman, University of Louisville, USA

11:05-11:35  Title: Management of severe eye trauma and retained Intraocular Foreign Bodies (IOFBs).
Faisal Fayyad, Jordanian Hospital, Jordan

11:35-12:00  Title: Membrane selective cationic polymers as biocides for treating topical infections
Rajamani Lakshminarayanan, Singapore Eye Research Institute, Singapore

Special Session: Workshop

12:00-12:40  Title: DMEK: The state-of-the-art in endothelial keratoplasty
Samer Hamada, The Eye Clinic London, UK

Lunch Break 12:40-13:30

Session Chair: Miguel Rechichi, Centro Polispecialistico Mediterraneo, Italy

13:30-13:55  Title: Cultured Autologous Oral Mucosa Epithelial Cell Sheet (CAOMECS) for corneal epithelial regeneration
Fawzia Bardag-Gorce, Los Angeles Biomedical Research Institute, USA

13:55-14:20  Title: New perspectives in non-invasive keratoconus treatment: Single or combined surgical strategy to improve vision through cornea reshaping
Miguel Rechichi, Centro Polispecialistico Mediterraneo, Italy

14:20-14:45  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
Haisheng Zhao, He University, China

14:45-15:10  Title: Contribution of spatial and temporal integration in heading perception
Nadejda Bocheva, Institute of Neurobiology, Bulgaria

Networking & Refreshments Break 15:10-15:25

15:25-15:50  Title: Kertaoconus as a childhood disease
Samer Hamada, The Eye Clinic London, UK

15:50-16:15  Title: The fluorescence ratio, as a new parameter for long-term metabolic control. What & when would you know?
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  
**Kristin Smedley,** President Curing Retinal Blindness Foundation, USA

### Panel Discussion

**Day 2  August 11, 2017**  
**Atlantis 1**

### Keynote Forum

**09:00-09:45**  
**Title:** Color vision in normal aging, congenital deficiency and retinal disease  
**John L Barbur,** University of London, UK

**Sessions:** Colour Vision | Ocular Oncology | Dry Eye  
**Session Chair:** Douglas Borchman, University of Louisville, USA

### Panel Discussion

**09:45-10:10**  
**Title:** Dry eye disease: Challenges and opportunities  
**Samer Hamada,** The Eye Clinic London, UK

**10:10-10:35**  
**Title:** Hitting the bullseye: Computer models for treating vision disorders  
**Petar Markov,** Cardiff University, UK

**10:35-11:00**  
**Title:** The ubiquitin proteasome pathway in Cultured Oral Mucosa Epithelial Cell Sheet (CAOMECs) for ocular surface reconstruction  
**Fawzia Bardag-Gorce,** Los Angeles Biomedical Research Institute, USA

### Networking & Refreshments Break 11:00-11:15

**11:15-11:40**  
**Title:** Long-term visual and treatment outcomes of whole population pre-school visual screening in children: A longitudinal, retrospective, population-based cohort study  
**Yan Ning Neo,** Hillingdon Hospitals NHS Foundation Trust, UK

**11:40-12:05**  
**Title:** Multifocal intraocular lenses: Keys to success!  
**Samer Hamada,** The Eye Clinic London, UK

**12:05-12:30**  
**Title:** Learning Curve of Femtosecond laser assisted cataract surgery  
**Prasanth Gireesh,** Aravind Eye Hospital, India

### Lunch Break 12:30-13:30

**Sessions:** Visual Neuroscience | Vitreo-retinal | Diabetic Retinopathy | Visual Impairment | Vision and Cognition  
**Session Chair:** Rajamani Lakshminarayanan, Singapore Eye Research Institute, Singapore

### Session Introduction

**13:30-13:55**  
**Title:** Rational design of Cell-selective Antimicrobial Peptides  
**Rajamani Lakshminarayanan,** Singapore Eye Research Institute, Singapore

**13:55-14:20**  
**Title:** Artificial vision for later stages of the retinitis pigmentosa with the argus II system  
**Nilufer Koyluoglu,** Liv Hospital International, Turkey

**14:20-14:45**  
**Title:** Extraocular needle-guided haptic insertion technique of scleral fixation intraocular lens surgeries (X-NIT)  
**Prasanth Gireesh,** Aravind Eye Hospital, India

**14:45-15:10**  
**Title:** Contextual modulation in motion direction processing  
**Nadejda Bocheva,** Institute of Neurobiology, Bulgaria

**15:10-15:35**  
**Title:** Expression of Thy1 in rat retinal ganglion cell cultures is regulated by LEDGFp52  
**Haisheng Zhao,** He University, China
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Institution</th>
<th>Location</th>
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<tbody>
<tr>
<td>15:50-16:15</td>
<td>Title: Bimanual Surgery in The Management of Complicated Diabetic Vitrectomy</td>
<td>Faisal Fayyad, Jordanian Hospital, Jordan</td>
<td>Zürich, Switzerland</td>
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<td>16:15-16:40</td>
<td>Title: Subretinal cysticercosis</td>
<td>Kanhaiya Mittal, All India Institute Of Medical Sciences, India</td>
<td>Zürich, Switzerland</td>
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<td>16:40-17:05</td>
<td>Title: Techniques in visual neurorehabilitation: An integrative review</td>
<td>Rebeca Uchoa Saraiva, Faculdade de Saúde de Paulista, Brazil</td>
<td>Zürich, Switzerland</td>
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**Video Presentation**

**Panel Discussion**

**Awards & Closing Ceremony**

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**Bookmark your dates**

Global Meeting and Expo on **Vision Science**

August 29-30, 2018  Zürich, Switzerland

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