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1092nd Conference

Scientific Program

15th International Congress on

Vision Science and Eye

August 10-11, 2017 London, UK



Conference Series - America
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Day 1 August 10, 2017

09:00-09:30 Registrations

Atlantis 1

conferenceseries.com **09:30-09:45** Opening Ceremony

Keynote Forum

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

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

Sessions: Ophthalmology and Vision Science | Vision and Cognition

Session Chair: Faisal Fayyad, Jordanian Hospital, Jordan

Session Introduction

10:45-11:10	**Title: Whales, lifespan, phospholipids and the cause and cure for cataracts** **Douglas Borchman,** University of Louisville, USA
11:10-11:35	**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

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

Session Chair: Miguel Rechichi, Centro Polispecialistico Mediterraneo, Italy

Session Introduction

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	
16:15-16:40	**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	
	Session Introduction
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

	Networking & Refreshments Break 15:35-15:50
15:50-16:15	**Title: Bimanual Surgery in The Management of Complicated Diabetic Vitrectomy** **Faisal Fayyad,** Jordanian Hospital, Jordan
	Video Presentation
16:15-16:40	**Title: Subretinal cysticercosis** **Kanhaiya Mittal,** All India Institute Of Medical Sciences, India
16:40-17:05	**Title: Techniques in visual neurorrehabilitation: An integrative review** **Rebeca Uchoa Saraiva,** Faculdade de Saúde de Paulista, Brazil
	Panel Discussion
	Awards & Closing Ceremony