

## Scientific Program

5<sup>th</sup> International Conference on

# Clinical & Experimental Ophthalmology

August 04-06, 2015 Valencia, Spain

Day 1

August 04, 2015

08:00-08:30 Registrations

Valencia-C



08:30-09:00

## Opening Ceremony

### Keynote Forum

- 09:00-09:05 **Introduction**
- 09:05-09:30 **Maria Dolores Pinazo Durán**  
University of Valencia, Spain
- 09:30-09:55 **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

- 09:55-10:15 **Monitoring of high glucose-induced cell metabolic alteration of retinal microvascular endothelial cells with fluorescence lifetime imaging microscopy**  
Yoko Miura, University of Luebeck, Germany
- 10:15-10:35 **Macular carotenoids current perspectives: Closing the generation gap**  
Vijaya Juturu, OmniActives Health Technologies Inc., USA

Networking & Refreshment Break 10:35-10:50 @ Foyer

- 10:50-11:10 **Endoplasmic reticulum homeostasis and inflammation in retinal müller cells**  
Joshua J Wang, State University of New York, USA
- 11:10-11:30 **NF-κB and SPI expression in AGEs exposed retina and influence of different neurotrophic factors on it**  
Guzel Bikbova, Chiba University Graduate School of Medicine, Japan
- 11:30-11:50 **Curcumin is a natural angiogenic that inhibits hypoxia-induced VEGF release in retina cells**  
Dario Vasquez Zuloaga, University de Chile, Chile
- 11:50-12:10 **New insights in the pathogenesis of retinal vein occlusions**  
Maneli Mozaffarieh, University of Basel, Switzerland
- 12:10-12:30 **Manipulating ER chaperones and the UPR for neuroprotection in retinal diseases**  
Sarah Xin Zhang, State University of New York, USA

## Workshop

- 13:10-14:10 **Tele-ophthalmology and tele-eye screenings**  
K Yogesan, Australian E-Health Research Centre, Australia

## Track 1: Retina &amp; Retinal Disorders

## Track 2: Corneal &amp; 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

- 14:10-14:30 **Ultra-thin descemet stripping automated endothelial keratoplasty (UT-DSAEK) – Why I prefer this technique**  
Iva Dekaris, University Eye Hospital 'Svjetlost', Croatia
- 14:30-14:50 **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
- 14:50-15:10 **Flammer-syndrome as one of the risk factors for GON**  
Maneli Mozaffarieh, University of Basel, Switzerland
- 15:10-15:30 **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 &amp; Refreshment Break 15:30-15:45 @ Foyer

- 15:45-16:05 **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
- 16:05-16:25 **Combined phacoemulsification with express device: A procedure of choice in advanced open angle glaucoma**  
Baswati Prasanth, Ahalia Hospital, UAE
- 16:25-16:45 **Use of new technologies and techniques in glaucoma with vulnerable optic disc**  
Shahid Wahab, Dow University of Health Sciences, Pakistan

## Special Session

- 16:45-17:15 **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

- 09:00-09:25 **Francisco Javier Carreras**  
University of Granada, Spain
- 09:25-09:50 **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

- 09:50-10:10 **Targeting nitric oxide-cGMP signaling: Therapeutic potential in POAG**  
Emmanuel Buys, Massachusetts General Hospital, USA
- 10:10-10:30 **Refractive lens exchange with implantation of trifocal or trifocal toric intraocular lens**  
Iva Dekaris, University Eye Hospital 'Svjetlost', Croatia
- 10:30-10:50 **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

10:50-11:10 **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 11:10-12:10

12:10-12:30 **Micro RNAs in tears as biomarkers for monitoring primary open-angle glaucoma**  
**Maria Dolores Pinazo Duran**, University of Valencia, Spain

12:30-12:50 **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 12:50-13:30 @ Aqua

13:30-13:50 **A comparison of three techniques of intraocular pressure measurements in normal eyes**  
**Haya M Al Farhan**, King Saud University, Saudi Arabia

13:50-14:10 **Experimental study on myopia control of bilberry anthocyanins**  
**Hongwei Deng**, Schenzen Eye Hospital, China

#### Instruction Course

14:10-15:40 **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

15:40-16:00 **Inferotemporal dialysis, genetic reghmatogenous retinal detachment in the Andes?**  
**Armando Sandoval Vaca**, Hospital Metropolitano- Clinivisión, Ecuador

Networking & Refreshment Break 16:00-16:15 @ Foyer

16:15-16:35 **Prevention of blindness and use of transfer factors**  
**Daniel Valverde**, Universidad de Guayaquil, Ecuador

16:35-16:55 **A comparative study between transplantation of conjunctival limbal autograft with mitomycin C and aminotic membrane transplantation with mitomycin C in re-current pterygium**  
**Mohammed Othman Abdel Khalek El Sayed**, Cairo University School of Medicine, Egypt

16:55-17:15 **Uveitic macular edema: Pathophysiology and treatment update**  
**Rola N Hamam**, American University of Beirut, Lebanon

17:15-18:00 **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

18:00-18:15 **Evaluation of calibration errors of Goldmann tonometers in university affiliated hospitals in Riyadh, KSA**

**Noor Al Anazi**, King Saud University, Saudi Arabia

18:15-18:30 **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

09:00-10:00 **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

Session Introduction

10:00-10:20	<b>Vitreous floaters-An under-appreciated and under treated problem: Patient satisfaction and complications of YAG vitreolysis</b> Inder Paul Singh, Eye Centers of Racine & Kanosha in Racine, USA
10:20-10:40	<b>Edifice of adaptive strategies on foundations of science: Innovations necessary for children from eastern half</b> Kirti Singh, Maulana Azad Medical College, India
10:40-11:00	<b>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</b> Rola N Hamam, American University of Beirut, Lebanon
<b>Networking &amp; Refreshment Break 11:00-11:15 @ Foyer</b>	
11:15-11:35	<b>Novel phaco-technique nucleus sculpting before hydrodissection</b> Mohamed A Nasr, Cairo University, Egypt
11:35-11:55	<b>Study on security of the perilesional application of CIGB-128A (HeberFERON) in palpebral non melanoma skin cancers with surgical risk and aesthetic implications</b> Yaquelin Duncan Roberts, Center for Genetic Engineering and Biotechnology, Cuba
<b>Video Presentations</b>	
11:55-12:10	<b>Anti-VEGF in the treatment of diabetic macular oedema: A departmental study</b> Charikleia Papandreou, Lister Hospital, UK
12:10-12:25	<b>Plasma rich in growth factors in eye drops for the treatment of ocular surface disease in patients with glaucoma</b> Ronald Sanchez Avila, University of Oviedo, Spain
<b>Award Ceremony</b>	
<b>Lunch Break 12:45-13:25 @ Aqua</b>	
<b>Poster Presentations</b>	
P01	<b>Numerical modeling of refractive changes in diabetic subjects</b> Robert Szuba, Adam Mickiewicz University, Poland
P02	<b>A comparison between macular and retinal nerve fiber thickness in recovered and persistent unilateral amblyopia</b> Sanaa Yassin, University of Dammam, Saudi Arabia
P03	<b>BRCA1/2 mutations are not associated with risk of exudative age-related macular degeneration in ashkenazi jews</b> Shirel Rossnewasser-Weiss, Felsenstein Medical Research Center, Israel
P04	<b>Retinal safety studies of intravitreal injection of Rg1 ginsenosides on normal rabbit</b> Lina Huang, Shenzhen Eye Hospital, China
P05	<b>The associations of HLA-DP locus with Posner-Schlossman syndrome in Southern Chinese Han population</b> Jun Zhao, Shenzhen Eye Hospital, China
P06	<b>Complications of uveitis in children according to age: The risk of amblyopia</b> Rola N Hamam, American University of Beirut, Lebanon
P07	<b>New diagnostic approaches based on ocular manifestations and novel therapeutical interventions in Behcet disease</b> Forough kheiry, Islamic Azad University of Tehran, Iran
P08	<b>Efficacy of intravitreal ranibizumab injection in eyes with diabetic macular edema</b> Norihiro Shimizu, Chiba University Graduate School of Medicine, Japan
P09	<b>Dry form of age-related macular degeneration associations with; systemic disorders</b> Amila Chandrasekera, Vision Care Optical Service Pvt Ltd, Sri Lanka

**Award Ceremony**

