

## Scientific Program

International Conference on

# Eye Disorders and Treatment

July 13-15, 2015 Baltimore, USA



### Keynote Sponsor



### Supporting Partners



**Supporting Journals:** Journal of Clinical & Experimental Ophthalmology, International Journal of Ophthalmic Pathology and Biological Systems: Open Access

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Harbor Room



08:20-08:50

# Opening Ceremony

## Keynote Forum

Sponsored by Visiometrics, Spain

- 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

### 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

### Session Introduction

- 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 Resturant

- 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

### Session Introduction

- 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

16:50-17:15	<b>Combined scleral buckle and pars plana vitrectomy as a primary procedure for pseudophakic retinal detachments</b> Hudson Nakamura, Eye Bank Foundation of Goias, Brazil
17:15-17:40	<b>Diabetes, TXNIP and early retinal disorders</b> Lalit P Singh, Wayne State University, USA
17:40-18:05	<b>Nonsense suppression drugs and their potential in the treatment of eye disease</b> Kevin Gregory-Evans, University of British Columbia, Canada
18:05-18:30	<b>New frontier of therapeutic intervention for retina disease</b> Tina Guanting Qiu, Ophthalmic Innovation & Biotherapeutics, USA

#### Panel Discussion (18:30-18:40)

Day 2 July 14, 2015

### Harbor Room

## Keynote Forum

Sponsored by Visiometrics, Spain

08:30-09:00	<b>Albert S Khouri</b> Rutgers New Jersey Medical School, USA
09:00-09:30	<b>Arpitha Parthasarathy</b> US Medical Innovations, USA

#### Panel Discussion (09:30-09:40)

#### Workshop

Chair: Daniel Valverde, University of Guayaquil, Ecuador

09:40-10:40	<b>Ophthalmic telemedicine and glaucoma management</b> Albert S Khouri, Rutgers New Jersey Medical School, USA
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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	<b>The application of protein array technology to investigations of ocular disease</b> Valerie Sloane Jones, RayBiotech, Inc., USA
11:25-11:50	<b>microRNAs in Diabetic retinopathy and its treatment</b> Shunbin Xu, Wayne State University, USA
11:50-12:15	<b>Chemical mutagenesis: Generation of novel mutants and elucidation of functional pathways in the eye</b> Patsy Nishina, The Jackson Laboratory, USA
12:15-12:40	<b>An accommodative contact lens for presbyopic correction</b> Hongrui Jiang, University of Wisconsin, USA
12:40-13:05	<b>Transfer factor strengthened and its contribution to the visual health and integral</b> 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	<b>The nobility of therapeutic and optical lamellar keratoplasty for restoring vision and eye threatening conditions</b> Cesar Gomezperalta, Vision Percepcon, Mexico
14:55-15:20	<b>Protecting retinal cells against cigarette smoke components</b> Saffar Mansoor, Case Western Reserve University, USA
15:20-15:45	<b>To study the role of OCT and P-VEP in early diagnosis of Glaucoma</b> Chand Singh, Post Graduate Institute of Medical Sciences, India

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

16:10-16:35	<b>Using scleral contact lenses for keratoconus management</b> Nezar Damati, Certified International Professional Trainer, Jordan
16:35-17:00	<b>Modified technique of Inferior oblique anterior transposition in DVD treatment reduces the Antielevation syndrome</b> Alexia Romanelli, Instituto Nacional de Oftalmologia, Bolivia

#### Panel Discussion (17:00-17:10)

Day 3 July 15, 2015

## Harbor Room

**Track 5: Glaucoma: Visual Field Loss**

**Track 6: Neuro-Ophthalmology and Research**

**Session Chair:** Lyne Racette, Indiana University, USA

**Session Co-Chair:** Nithin Krishna, University of Maryland, USA

### Session Introduction

- 09:00-09:25 **The dynamic structure-function model: A new approach to monitor glaucoma progression**  
Lyne Racette, Indiana University, USA
- 09:25-09:50 **Rho-GTPase activators mediated regulation of fluid dynamics as a novel target for the pathophysiology of glaucoma**  
Janardan Kumar, Becker College, USA
- 09:50-10:15 **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
- 11:05-11:30 **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
- 12:05-12:30 **Predicting primary angle closure suspects using anterior segment OCT: A new approach**  
Samaha Dan, University of Montreal, Canada
- 12:30-12:55 **Profilaxis de endoftalmitis postquirúrgica: Un nuevo enfoque**  
Alidis Carina Montes Boscan, Centro Optico La Milagrosa, Venezuela
- 12:55-13:20 **Vitreoretinal lymphoma and intravitreal chemotherapy: Ocular and systemic outcomes**  
Kiran Turaka, Associated Retina Consultants Ltd., USA
- 13:20-13:45 **New developATents in the treatment of Infantile hemangioma 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
- 14:50-15:15 **Blunt scissors dissection for Deep anterior lamellar keratoplasty after failed big bubble technique**  
Didar S Anwar, Hawler Medical University, Iraq
- 15:15-15:40 **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

## Bookmark your dates

2<sup>nd</sup> International Conference on

# Eye and Vision

September 26-28, 2016 Miami, USA

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