



RETINA WORLD CONGRESS
MAY 12-15, 2022 | FORT LAUDERDALE MARRIOTT HARBOR BEACH HOTEL

Thursday, May 12, 2022 – UNPLUGGED

- 7:30 am Continental Breakfast
- 8:00 am – 8:03 am **Welcome to Retina World Congress**
Tarek S. Hassan, MD, President; Kourous A. Rezaei, MD, President-elect
- 8:03 am – 8:05 am **Introduction, RWC Unplugged**
Baruch D. Kuppermann, MD, PhD
- 8:05 am – 8:40 am **Biosimilars Panel Discussion**
Moderators: Baruch D. Kuppermann, MD, PhD, Ashish Sharma, MD
Panelists:
Terry J. Dagnon, MD - Outlook Therapeutics
John Lane - Coherus BioSciences Inc.
Pravin U. Dugel, MD
Rishi P. Singh, MD
Peter K. Kaiser, MD
- 8:40 am – 9:15 am **Gene Therapy Panel Discussion**
Moderator: Robert L. Avery, MD
Panelists:
Ram Palanki, PharmD – RegenxBio
Pravin U. Dugel, MD
Rishi P. Singh, MD
Peter K. Kaiser, MD
Baruch D. Kuppermann, MD, PhD
- 9:15 am – 9:30 am **Keynote Lecture: Mark S. Blumenkranz, MD**
Adventures in Retinal Innovation: Lessons Learned from Thirty Years at Stanford and in "The Valley"
Introduction by Pravin U. Dugel, MD
- 9:30 am – 9:40 am Question & Answer
- 9:40 am – 10:20 am **Dry AMD and Geographic Atrophy Panel Discussion**
Moderators: Peter Kaiser, MD and David S. Boyer, MD
Panelists:
Cedric Francois, MD, PhD - Apellis
Dhaval B. Desai - Iveric Bio
Brian Hotchkiss - Stealth BioTherapeutics
Vicken Karageozian, MD - Allegro Ophthalmic
Rishi P. Singh, MD
Baruch D. Kuppermann, MD, PhD
Ivo Stoilov, MD, Genentech

10:20 am – 11:00 am **New Pathways in Retinal Diseases**

Moderator: Rishi P. Singh, MD

Panelists:

Thomas A. Ciulla, MD, MBA - Clearside Bio

Allan J. Franklin, MD, PhD - ForwardVue Pharma

Jing Hua, Boehringer-Ingelheim

Ivo Stoilov, MD, Genentech

Nancy Lurker - EyePoint Pharmaceuticals

Peter K. Kaiser, MD

Baruch D. Kuppermann, MD, PhD

Mina Sooch, MBA, Ocuphire Pharma

11:00 am – 12:00 pm **The View from the Street**

Moderator: Pravin U. Dugel, MD

Panelists:

Annabel Samimy - Managing Director, Equity Research

Georgi Yordanov, PhD - VP, Cowen

Greg Butz - Managing Director, Bank of America

Mark S. Blumenkranz, MD

Paul Bresge – CEO, Ray Therapeutics

Colleen Kusy, CFA - Senior Equity Research Analyst, Baird

Anupam Dalal, MD - Chief Investment Officer, Acuta Capital Partners, LLC

Gaurav Aggarwal, MD, Managing Director, Vivo Capital

Keyvan Mirsaedi-Farahani, MD, Vice-President, Perceptive Advisors

Dmitry Kuzmin, MLoD, FRSB – Managing Partner, 4BIO Capital

Cedric Francois, MD, PhD - Apellis

12:10 PM - 1:10 PM **CME LUNCH SEMINAR**

Achieving Vascular Integrity through Novel Therapeutics that Target the Angiopoietin/Tie Pathway

Sponsored by Genentech in the Ocean Ballroom, lobby level.



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Lectures are 5-minutes + 3-minutes for Q&A
Abstract lectures are 3-minutes + 1-minute for Q&A
Faculty will alternate speaking from both podiums.
Registration: 7:00 am – 6:30 pm
SRR: 7:00 am – 6:30 pm Key West/Palm Beach

Thursday, May 12, 2022

Session 1: Uveitis

Session Chairs: Pauline T. Merrill, MD; Steven Yeh, MD

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|-------------------|--|
| 1:20 PM - 1:30 PM | Introduction (no pretest questions) |
| 1:30 PM - 1:38 PM | Drug-Induced Uveitis
Sanjay Kedhar, MD (<i>University of California, Irvine</i>) |
| 1:38 PM - 1:46 PM | Novel Senolytic Treatment for Retinal Disease: Results of a Phase I Treatment for Wet AMD and DME
Raj Maturi, MD (<i>Indiana University, Indianapolis, Indiana</i>) |
| 1:46 PM - 1:54 PM | Disinfection prior to Intravitreal Injection: Is Povidone-iodine the Only Option?
Robert L. Avery, MD (<i>California Retina Consultants, Santa Barbara, California</i>) |
| 1:54 PM - 2:02 PM | Suprachoroidal Triamcinolone for Uveitis
Pauline T. Merrill, MD (<i>Rush University, Chicago</i>) |
| 2:02 PM - 2:10 PM | How to Not Miss Infectious Uveitis
Yasha S. Modi, MD (<i>NYU Langone Health, New York</i>) |
| 2:10 PM - 2:18 PM | Front-line Therapies and Novel Drug Delivery for Uveitis
Steven Yeh, MD (<i>Omaha, Nebraska</i>) |
| 2:18 PM - 2:26 PM | Vitrectomy in Uveitis
Virgilio Morales-Canton, MD (<i>Mexico City, Mexico</i>) |
| 2:26 PM - 2:34 PM | Endophthalmitis Update
Harry W. Flynn Jr, MD (<i>University of Miami, Miami, Florida</i>) |

Panel Discussion

- | | |
|-------------------|---|
| 2:34 PM - 2:56 PM | Uveitis Case Discussion
Moderator: Sumit Sharma, MD, FASRS (<i>Cleveland Clinic, Cleveland, Ohio</i>)
Panelists: Veena Raiji, MD, MPH; Luz Elena Concha, MD; Steven Yeh, MD; Raj Maturi, MD |
|-------------------|---|

Break

2:56 PM - 3:26 PM EXHIBIT HALL OPENS, please visit the hall for refreshments.

Session 2: Macular Surgery

Session Chairs: Ehab N. El Rayes, MD; Lihteh Wu, MD

- 3:26 PM - 3:28 PM Introduction and Pretest – 1 ARS question
- 3:28 PM - 3:36 PM Autologous Transplantation of Internal Limiting Membrane vs. Retina Expansion Technique vs Amniotic Membrane Plaque for Refractory Macular Holes: Results at 24 Months of Follow-up
Arturo Alezzandrini, MD, PhD (*University of Buenos Aires, Argentina*)
- 3:36 PM - 3:44 PM The Influence of Crescent-Shaped Selective Internal Limiting Membrane Staining in Brilliant Blue G Assisted Temporal Inverted Flap Technique
Remzi Avci, MD (*Retina Eye Hospital, Bursa, Turkey*)
- 3:44 PM - 3:52 PM ART in the Management of Traumatic Macular Hole
Nassim Abreu, MD (*Hospital Dr. Elias Santana, Santo Domingo, Dominican Republic*)
- 3:52 PM - 4:00 PM Autologous Retinal Transplant: New Tips and Tricks
Tamer H. Mahmoud, MD, PhD (*Oakland University, Royal Oak Michigan*)
- 4:00 PM - 4:08 PM Reoperations for Refractory Macular Hole after ILM Flap Technique
Zofia A. Nawrocka, MD, PhD (*Jasne Blonia, Lodz, Poland*)
- 4:08 PM - 4:16 PM How to Overcome Surgical Challenges in Myopic Macular Holes with Very Long Axial Lengths
Khalid K. Sabti, MD, FRCSC (*Kuwait Eye Center, Kuwait City, Kuwait*)
- 4:16 PM - 4:24 PM Comparing ILM Plug versus Amniotic membrane in management of macular holes: Short and Long Term Results
Ehab N. El Rayes, MD, PhD (*Retina Eye Center, Cairo, Egypt*)
- 4:24 PM - 4:32 PM Comparison of Efficacy of Plasma Rich in Growth Factors Membrane (Prgfm) Versus Inner Limiting Membrane Peeling to Treat Challenging Large Macular Holes
Juan D. Arias, MD (*FOSCAL International Vitreoretinal, Bucaramanga, Columbia*)
- 4:32 PM – 4:33 PM Posttest – 1 ARS question

Panel Discussion

- 4:33 PM - 4:54 PM Complex Macular Holes Surgery Case Discussion
Moderator: Tamer H. Mahmoud, MD, PhD
Panelists: Osias Francisco De Souza, MD; Marcio Nehemy, MD, PhD; Ezequiel Rosendi, MD; Zofia A. Nawrocka, MD, PhD

Session 3: Miscellaneous Retina Topics

Session Chairs: Jorge C.P. Rocha, MD, PhD; Baruch D. Kuppermann, MD, PhD

- 4:54 PM - 4:56 PM Introduction and Pretest – 1 ARS question
- 4:56 PM - 5:04 PM Management of Chronic Central Serous Chorioretinopathy
Arnaldo F. Bordon, MD, PhD (*Hospital Oftalmologico de Sorocaba, Sao Paulo, Brazil*)

5:04 PM - 5:12 PM	Vitreous Composition Modification after Transpalpebral Electrical Stimulation of the Eye: Biochemical Analysis Fabio Patelli, MD (<i>University of Milan, Milan, Italy</i>)
5:12 PM - 5:20 PM	Intravitreal Methotrexate Injections in the Management of Advance PVR Jose A. Roca, MD (<i>Universidad Peruana Cayetano Heredia, Lima, Peru</i>)
5:20 PM - 5:28 PM	Update on Macular Telangiectasia 2 Lihteh Wu, MD (<i>San Jose, Costa Rica</i>)
5:28 PM - 5:36 PM	COVID-19 and Venous Occlusion Jorge C. P. Rocha, MD, PhD (<i>Sao Paulo, Brazil</i>)
5:36 PM - 5:44 PM	Longer-term Visual Acuity Outcomes and Anti-VEGF Therapy Intensity in Neovascular AMD, DME, and RVO–Related Macular Edema: A Real-World Analysis of 130,247 Patient Eyes Thomas A. Ciulla, MD, MBA (<i>Indiana University, Indianapolis, Indiana</i>)
5:44 PM - 5:52 PM	3D vs. 2D in Macular Surgery: What are the Advantages Athanasios Nikolakopoulos, MD (<i>Thessaloniki, Greece</i>)
5:52 PM - 6:00 PM	Photodynamic Therapy as a Treatment Option for Peripapillary Pachychoroid Syndrome Dinah Zur, MD (<i>Tel Aviv University, Tel Aviv, Israel</i>)
6:00 PM - 6:08 PM	Interpreting Reported GA Treatment Effects to Patient Care: Concept of Tissue Preservation Karl Csaky, MD, PhD (<i>Dallas, Texas</i>)
6:08 PM - 6:16 PM	(re)Purpose Lens Initiative Benjamin Thomas, MD (<i>Jacksonville, Florida</i>)
Abstract Winners	
6:16 PM - 6:20 PM	Effects of Time Since Diagnosis to Intravitreal Aflibercept Injection and Baseline BCVA on Outcomes in CRVO: Post Hoc Analysis of the COPERNICUS and GALILEO Trials Dilsher S. Dhoot, MD (<i>Santa Barbara, California</i>)
6:20 PM - 6:24 PM	Machine Learning Quantification of Fluid Volume in Eyes with Retinal Vein Occlusion Undergoing Treatment with Aflibercept: The REVOLT study Mohammad A. Khan, MD (<i>McMaster University, Mississauga, Ohio</i>)
6:24 PM - 6:28 PM	Comparative Assessment of Intra-vitreous Steroid Implant with Combination Therapy for Diabetic Macular Edema Surbhi Agrawal, MD, DNB, FICO (<i>Sankara Eye Hospital, Bangalore, India</i>)
6:28 PM – 6:29 PM	Posttest – 1 ARS question
6:29 PM – 6:30 PM	Meeting Adjourns, Closing Remarks Baruch D. Kuppermann, MD, PhD
6:30 PM - 8:00 PM	Welcome Reception at the Ocean View Terrace, Lobby Level



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SRR: 7:00 am – 6:30 pm Key West/Palm Beach

Friday, May 13, 2022

BREAKFAST SEMINAR

7:30 AM - 8:30 AM Understanding the Impact of Complement-Mediated Lesion Growth in Geographic Atrophy - Presented by APELLIS Pharmaceuticals (IET)

Session 4: Surgical Technology

Session Chairs: Kourous A. Rezaei, MD; Susanne Binder, MD

8:40 AM - 8:42 AM	Welcome (no pretest) Kourous A. Rezaei, MD
8:42 AM - 8:50 AM	Biomaterials and Mechanics of Scleral Fixated Intraocular lenses David T. Wong, MD, FRCSC (<i>University of Toronto, Toronto, Canada</i>)
8:50 AM - 8:58 AM	Hemorrhagic Complications After Sutureless Vitrectomy Susanne Binder, MD (<i>Sigmund Freud University, Vienna, Austria</i>)
8:58 AM - 9:06 AM	Endoscopic Vitreoretinal Surgeries Jay Chhablani, MD (<i>University of Pittsburgh, Pittsburgh, Pennsylvania</i>)
9:06 AM - 9:14 AM	Hypersonic Vitrectomy Sunir J. Garg, MD, FACS (<i>Thomas Jefferson University, Gladwyne, Pennsylvania</i>)
9:14 AM - 9:22 AM	Surgical Telementoring S.K. Steven Houston III, MD (<i>Florida Retina Institute, Winter Park, Florida</i>)
9:22 AM - 9:30 AM	Virtual Reality to Replace the Operating Microscope Anat Lowenstein, MD (<i>Tel Aviv Medical Center, Tel Aviv, Israel</i>)
9:30 AM - 9:38 AM	Management of Giant Retinal Tear Detachments Neils Crama, MD (<i>Radboud University, Nijmegen, The Netherlands</i>)
9:38 AM - 9:46 AM	New Considerations and Solutions for Operating Room and Office Sterility Tarek S. Hassan, MD (<i>Oakland University, Royal Oak, Michigan</i>)

Panel Discussion

9:46 AM - 10:00 AM Secondary IOL Case Discussion
Moderator: Jorge A. Fortun, MD
Panelists: Gabriela Lopezcarasa Hernandez, MD; Mauricio Maia, MD, PhD; David T. Wong, MD, FRCSC, FASRS; Luis F. Hagemann, MD

Break

10:00 AM - 10:30 AM Please visit the Exhibit Hall.

Session 5: Retinal Detachment Surgery

Session Chairs: Nelson A. Sabrosa, MD, PhD; Patricia Udaondo, MD

10:30 AM - 10:35AM Introduction (no pretest)

10:35 AM - 10:44 AM Vitrectomy vs. Vitrectomy with Scleral Buckling in the Treatment of Giant Retinal Tear Related Retinal Detachments: An International Multicenter Study
J. Fernando Arevalo, MD, PhD, FACS, FASRS (*Johns Hopkins, Baltimore, Maryland*)

10:44 AM - 10:52 AM Use of Air in Retinal Detachment Surgery: 2 Year Results
Ernesto Bali, MD (*Chirec Hospital, Brussels, Belgium*)

10:52 AM - 11:00 AM Reduce the Surgical Time by Not Completely Draining the Subretinal Fluid in RD Cases
Stratos Gotzaridis, MD (*Athens, Greece*)

11:00 AM - 11:08 AM Sealing of Retinal Tears Without Tamponade by Photodehydration Prior To Photocoagulation
Wilson J. Heriot, MBBS, FRANZCO (*University of Melbourn, Australia*)

Panel Discussion

11:08 AM - 11:32 AM Panel: Retinal Detachment Surgery Case Discussion
Moderator: Aleksandra Rachitskaya, MD
Panelists: Sundaram Natarajan, MD; Eleonora Lavaque, MD; Matko Vidosevich, MD; Carlos A. Moreira-Neto, MD, Msc, PhD

RWC Board Announcement

11:32 AM - 11:38 AM From Tarek S. Hassan, MD; Kourous A. Rezaei, MD

Distinguished Guest Speaker: Andrii Ruban, MD, PhD

11:38 AM - 11:48 AM Treating Retina Patients During War in Ukraine
Andrii Ruban, MD, PhD (*President, Ukrainian Vitreoretinal Society, Kyiv, Ukraine*)

Live Q&A with Dr. Ruban from Ukraine. Zoom audio-only.

Session 6: Gene and Cell Therapy

Session Chairs: Peter K. Kaiser, MD; Robert L. Avery, MD

11:48 AM - 11:51 AM Introduction and Pretest – 1 ARS question

11:51 AM - 11:59 AM The Role of Mitochondrial Genetics in Age-Related Macular Degeneration
Baruch D. Kuppermann, MD, PhD (*UCI Health Gavin Herbert Eye Inst, California*)

11:59 AM - 12:07 PM Subretinal Gene Therapy Robotic Precision and Accuracy Trumps Manual Delivery
Marc D. de Smet, MDCM, PhD, FRCSC, FMH, FARVO (*Leiden, The Netherlands*)

- 12:07 PM - 12:15 PM Inherited Retinal Disease Gene Therapy Trial Updates
Christine Kay, MD (*University of South Florida, McIntosh, Florida*)
- 12:15 PM - 12:23 PM Best Practices in Retinal Gene Therapy Surgery
Andreas K. Lauer, MD (*Oregon Health & Science University, Portland, Oregon*)
- 12:23 PM - 12:31 PM Genetic Mechanisms and Clinical Implications
Juliana M. Sallum, MD, FACS (*Federal University of SAO, Sao Paulo, Brazil*)
- 12:31 PM – 12:32 PM Posttest – 1 ARS question

Panel Discussion

- 12:32 PM - 12:50 PM Gene Therapy Case Discussion
Moderator: Christina Kay, MD
Panelists: Andreas K. Lauer, MD; Marc D. de Smet, Juliana M. Sallum, MD, FACS

LUNCH SEMINAR

- 1:00 PM - 2:00 PM Learn About a New Therapeutic Therapy/MOA in nAMD and DME
Presented by Genentech (IET)

Session 7: Imaging and Artificial Intelligence

Session Chairs: Daniela Ferrara, MD, MSc, PhD; Eleonora “Nora” Lad, MD, PhD

- 2:10 PM - 2:13 PM Introduction and Pretest – 1 ARS question
- 2:13 PM - 2:21 PM Imaging Biomarkers of Retinal Function in Eyes with Treatment-Naïve Mild Diabetic Retinopathy
Prof. Francesco Bandello, MD (*University Vita-Salute, Milano, Italy*)
- 2:21 PM - 2:29 PM Retinal Sensitivity Testing and Imaging using 2-photon Pulsed Laser Technologies
Andrew W. Browne, MD, PhD (*University of California, Irvine, California*)
- 2:29 PM - 2:37 PM Exploring the Clinical Interpretation of Deep Learning Algorithms in Geographic Atrophy
Daniela Ferrara, MD, MSc, PhD (*Tufts University, Rio de Janeiro, Brazil*)
- 2:37 PM - 2:45 PM Remote Diagnosis of Retinopathy, Teleophthalmology and AI
Majda Hadziahmetovic, MD (*Duke University, North Carolina*)
- 2:45 PM - 2:53 PM AI Algorithm to Predict Progression to GA from Intermediate AMD
Eleonora “Nora” Lad, MD, PhD (*Duke University, North Carolina*)
- 2:53 PM - 3:01 PM Lecture Title TBD
Caroline Baumal, MD
- 3:01 PM - 3:09 PM Implementation of AI for ROP in Low and Middle Income Countries: Opportunities and Challenges
R.V. Paul Chan, MD, MSc (*University of Chicago, Chicago, Illinois*)
- 3:09 PM - 3:17 PM Characterization of Epiretinal Membrane in Retinal Vein Occlusion using OCTA
Francisco J. Rodriguez, MD (*Universidad del Rosario, Bogota, Colombia*)

3:17 PM - 3:25 PM Navigated Single-Capture 3D and Cross-Sectional Widefield OCT of the Mid and Peripheral Retina and Vitreoretinal Interface
Prof. Paulo Stanga, MD (*University of London, London, United Kingdom*)

3:25 PM – 3:26 PM Posttest – 1 ARS question

Panel Discussion

3:26 PM - 3:45 PM Imaging Case Discussion
Moderator: Justis Ehlers, MD (*Cleveland Clinic, Shaker Heights, Ohio*)
Panelists: Andrew Browne, MD; Eleonora Lad, MD; Rishi Singh; Netan Choudhry, Steve Yeh

Break

3:45 PM - 4:10 PM Please visit the Exhibit Hall.

Session 8: Age-Related Macular Degeneration

Session Chairs: Caroline R. Bauman, MD, FASRS; Francisco J. Rodriguez, MD

4:10 PM - 4:12 PM Introduction and Pretest – 2 ARS questions

4:12 PM - 4:20 PM First Results of the Miniature Telescope in Dry AMD
Albert J. Augustin, MD (*Klinikum Karlsruhe, Germany*)

4:20 PM – 4:28 PM Evaluation of 8 mg Intravitreal Aflibercept Injection for Neovascular Age-Related Macular Degeneration: Results from the Phase 2 CANDELA Study
Peter K. Kaiser, MD

4:28 PM – 4:36 PM Real-World Management of Neovascular Age-Related Macular Degeneration in the US
Andrew A. Moshfeghi, MD, MBA (*University of Southern California, Los Angeles*)

4:36 PM - 4:42 PM Ophthea as an Add on to Anti-VEGF Therapy
David S. Boyer, MD (*University of Southern California, Los Angeles, California*)

4:42 PM - 4:50 PM Using Minimal Data to Predict Real-World Visual Outcomes of Anti-VEGF Treatment for Neovascular Age-related Macular Degeneration
Devinder Chauhan, MD, FRCOphth FRANZCO (*Melbourne, Australia*)

4:50 PM - 4:58 PM Incident Geographic Atrophy in Wet Age-related Macular Degeneration: A Meta-Analysis
Paolo Lanzetta, MD (*University of Udine, Udine, Italy*)

4:58 PM - 5:06 PM C1q Inhibition as a Potential Treatment of Geographic Atrophy (GA) Secondary to Age-related Macular Degeneration
John H. Niffenegger, MD (*Sarasota, Florida*)

5:06 PM - 5:14 PM Results of the KSI-301 Dazzle Neovascular AMD Pivotal Clinical Trial
Carl D. Regillo, MD (*Wills Eye Hospital, Bryn Mawr, Pennsylvania*)

5:14 PM - 5:22 PM Subretinal Gene Therapy for Exudative AMD
Stephen Huddleston, MD (*Charles Retina Institute, Germantown, Tennessee*)

- 5:22 PM - 5:30 PM The Impact of Compartmental Exudative Volatility on Visual Acuity and Ellipsoid Zone Integrity in Neovascular AMD
Justis P. Ehlers, MD (*Cleveland Clinic, Shaker Heights, Ohio*)
- 5:30 PM - 5:38 PM Evaluation of GA Lesion Growth by Minimum Distance to the Fovea Center: Post Hoc Analysis of the GATHER1 Trial
Glenn J. Jaffe, MD (*Duke University, North Carolina*)
- 5:38 PM - 5:46 PM Efficacy and Safety of Intravitreal Pegcetacoplan in Geographic Atrophy: Results from the Phase 3 OAKS and DERBY Trials
Allen Hu, MD (*Hagerstown, Maryland*)
- 5:46 PM - 5:54 PM Biosimilars- Takeaways from India
Ashish Sharma, MD (*Lotus Eye Hospital, Coimbatore, India*)

Abstract Winners

- 5:54 PM - 5:58 PM Automated Machine Learning-based Localization of Geographic Atrophy Lesions using En Face-level Spectral Domain Optical Coherence Tomography
Gagan Karla, MD (*Cleveland Clinic, Cleveland, Ohio*)
- 5:58 PM - 6:02 PM 8-month Results of a Tyrosine Kinase Inhibitor (Vorolanib) in a Bio-erodible Durasert® Implant for Previously Treated Wet AMD: The DAVIO Trial
Mark R. Barakat, MD (*University of Arizona, Phoenix, Arizona*)
- 6:02 PM - 6:06 PM Bacillary Detachment in Neovascular AMD: Incidence, Compartmental Features, and Response to Anti-VEGF Therapy in the HAWK Study
Sari Yordi, MD (*Cleveland Clinic, Cleveland, Ohio*)
- 6:06 PM – 6:07 PM Posttest – 2 ARS questions

Panel Discussion

- 6:07 PM - 6:29 PM Biosimilar Panel Discussion
Moderator: Ashish Sharma, MD
Panelists: Katherine Talcott, MD; Jorge Fortun, MD; David Wong; Mauro Goldbaum
- 6:29 PM – 6:30 PM Meeting Adjourns, Closing Remarks
Andre V. Gomes, MD, PhD



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SRR: 7:00 am – 5:30 pm Key West/Palm Beach

Saturday, May 14, 2022

CME BREAKFAST SEMINAR

7:30 AM - 8:30 AM Uveitic Macular Edema: Challenges and New Opportunities in Treatment
Supported by an educational grant from Bausch + Lomb.

Session 9: Diabetic Vitrectomy

Session Chairs: Andres Bastien, MD; Maria H. Berrocal, MD

8:40 AM - 8:42 AM WELCOME and Pretest – 1 ARS question
Baruch D. Kuppermann, MD, PhD

8:42 AM - 8:50 AM Diabetic Retinopathy: From Pathophysiology to Modern 3D Surgery - Where are We Now?
Marcelo Zas, MD, PhD (*University of Buenos Aires, Argentina*)

8:50 AM - 8:58 AM Paradigm Shifts in the Surgical Management of Diabetic Retinopathy Complications
Maria H. Berrocal, MD (*San Juan, Puerto Rico*)

8:58 AM - 9:06 AM Early PPV for Treatment of Complications of Proliferative Diabetic Retinopathy
Francesco Boscia, MD (*University of Sassari, Bari, Italy*)

9:06 AM - 9:14 AM Essentials of Diabetic Vitrectomy
Steve Charles, MD (*University of Tennessee, Memphis, Tennessee*)

9:14 AM – 9:15 AM Posttest – 1 ARS question

Panel Discussion

9:15 AM - 9:36 AM Diabetic Vitrectomy Case Discussion
Moderator: Tarek S. Hassan, MD
Panelists: Niels Crama, MD, FEBO; Danilo Soriano, MD, PhD; Nassim Abreu, MD;
Mario Saravia, MD; Francesco Boscia, MD

Session 10: Medical Retina: Diabetic Macular Edema and Diabetic Retinopathy

Session Chairs: Marcio B. Nehemy, MD, PhD; J. Fernando Arevalo, MD, PhD, FACS, FASRS

9:36 AM - 9:39 AM Introduction and Pretest – 3 ARS questions

- 9:39 AM - 9:47 AM The Use of a Combination of Ozurdex and Eylea Versus Eylea Monotherapy for Diabetic Macular Edema: A Prospective, Comparative Trial (COED Trial)
Ashkan Abbey, MD (*Dallas, Texas*)
- 9:47 AM - 9:55 AM Does Anti-VEGF treatment impact Retinal Non-perfusion in DR?
Varun Chaudhary, MD (*McMaster University, Hamilton, Ohio*)
- 9:55 AM - 10:03 AM The VITDEX Study: Vitrectomized vs Non-vitrectomized Patients and Dex Implant Results
Matias Iglicki, MD, PhD, FEBO, FICO (*University of Buenos Aires, Argentina*)

Break

- 10:03 AM - 10:30 AM Please visit the Exhibit Hall.

Session 10: Medical Retina: Diabetic Macular Edema and Diabetic Retinopathy – Continued

Session Chairs: Marcio B. Nehemy, MD, PhD; J. Fernando Arevalo, MD, PhD, FACS, FASRS

- 10:30 AM - 10:38 AM Paladin Data DME
Michael A. Singer, MD (*University of Texas, San Antonio, Texas*)
- 10:38 AM - 10:46 AM How to Evaluate Neurodegeneration in Diabetes in Clinical Practice
Patricia Udaondo, MD (*Hospital Universitario y Politecnico La Fe, Valencia, Spain*)
- 10:46 AM - 10:54 AM Yosemite and Rhine 2-year Clinical Trial Results
Rishi P. Singh, MD (*Cleveland Clinic, Stuart, Florida*)
- 10:54 AM - 11:02 AM Geographic Access Disparities to Clinical Trials in Diabetic Eye Disease in the United States
Yoshihiro Yonekawa, MD (*Wills Eye Hospital, Philadelphia, Pennsylvania*)
- 11:02 AM - 11:10 AM End-of-Study Results from the Phase 3 Archway Trial of the Port Delivery System with Ranibizumab in Neovascular Age-Related Macular Degeneration
Aleksandra Rachitskaya, MD (*Cleveland Clinic, Cleveland, Ohio*)

Abstract Winners

- 11:10 AM - 11:14 AM Vascular Scleral Patch Graft Failure in Chronic Intravitreal Vascular Endothelial Growth Factor Inhibitor Injections
Amro Omari, MD (*Beaumont Eye Institute, Royal Oak, Michigan*)
- 11:14 AM - 11:18 AM Dexamethasone Intravitreal Implant in the Treatment of Macular Edema in Colombia, a Real-Life Study
Carlos M. Rangel, MD (*University Autonoma de Bucaramanga, Columbia*)
- 11:18 AM - 11:22 AM Angiopoietin-2 Signaling and Vascular Stability with Faricimab in Diabetic Macular Edema
Carl J. Danzig, MD (*Florida Atlantic University, Deerfield Beach, Florida*)
- 11:22 AM - 11:26 AM Personalized Treatment Interval (PTI) Dosing Dynamics Over 2 Years in the Phase 3 YOSEMITE and RHINE Trials of Faricimab in Diabetic Macular Edema
David A. Eichenbaum, MD (*University of South Florida, St. Petersburg, Florida*)

11:26 AM - 11:30 AM Fluocinolone Acetonide Implant (0.2µg/day) in Eyes with Recurrent Diabetic Macular Edema: 3 Years and Beyond!
Bernardete Pessoa, MD, PhD (*Porto, Portugal*)

11:30 AM – 11:32 AM Posttest – 3 ARS questions

Panel Discussion

11:32 AM - 12:00 PM Diabetic Retinopathy Case Discussion
Moderator: Prof. Francesco Bandello, MD
Panelists: Andrew A. Moshfeghi, MD, MBA; David A. Eichenbaum, MD; Rishi P. Singh, MD; J. Fernando Arevalo, MD, PhD; Michael A. Singer, MD; Bernardete Pessoa, MD, PhD; Carl J. Danzig, MD

CME LUNCH SEMINAR

12:10 PM - 1:10 PM Novel Surgical Interventions in the Treatment of nAMD and DME
Supported by Genentech

Session 11: Trauma and Proliferative Vitreoretinopathy (PVR) Surgery

Session Chairs: Sundaram Natarajan, MD; Hugo Quiroz-Mercado, MD

1:20 PM - 1:25 PM Introduction and Pretest – 1 ARS question

1:25 PM - 1:33 PM Surgical Management of Severe Ocular Perforating Injuries
Faisal Fayyad, MD (*Jordanian Hospital, Amman, Jordan*)

1:33 PM - 1:41 PM The Severely Traumatized Eye: Never Give Up!
Ferenc Kuhn, MD, PhD (*St. Johns, Florida*)

1:41 PM - 1:49 PM Multimodal Imaging in Retinal Detachment Repair
Rajeev H. Muni, MD, MSc, FRCSC (*University of Toronto, Canada*)

1:49 PM - 1:57 PM Tips and Tricks for Transconjunctival Choroidal Detachment Drainage
Flavio A. Rezende, MD, PhD (*University of Montreal, Canada*)

1:57 PM - 2:05 PM Large Retinotomies for Inferior PVR in Silicone Oil filled Eyes
Andre V. Gomes, MD, PhD (*University of Sao Paulo, Brazil*)

Abstract Winners

2:05 PM - 2:09 PM Functional and Anatomic Outcomes with the Steamroller Maneuver versus Direct to Break Positioning following Pneumatic Retinopexy for Rhegmatogenous Retinal Detachment Repair
Wei Wei Lee, MD (*University of Toronto, Canada*)

2:09 PM - 2:13 PM Outcomes of Retinal Detachment Repair in Eyes at High Risk For Postoperative Proliferative Vitreoretinopathy
Mirataollah Salabati, MD (*Wills Eye Hospital, Philadelphia, Pennsylvania*)

2:13 PM - 2:17 PM Factors Affecting Retinal Re-Detachment Following Silicone Oil Removal for Rhegmatogenous Retinal Detachments
Matthew Starr, MD (*Mayo Clinic, Rochester, Minnesota*)

2:17 PM - 2:21 PM Retinal Displacement After Scleral Buckle Versus Combined Scleral Buckle and Vitrectomy for The Management Of Rhegmatogenous Retinal Detachment: ALIGN SB vs PPV-SB
Aditya Bansal, DNB (*University of Toronto, Canada*)

2:21 PM – 2:22 PM Posttest – 1 ARS question

Panel Discussion

2:22 PM - 2:45 PM Proliferative Vitreoretinopathy Case Discussion
Moderator: S.K. Steven Houston III, MD
Panelists: Jason Hsu, MD; Carl C. Claes, MD; Hugo Quiroz-Mercado, MD; Ferenc Kuhn, MD, PhD

Break

2:45 PM - 3:15 PM Please visit the Exhibit Hall.

Session 12: Controversies and Hot Topics

3:15 PM - 3:45 PM Panel Discussion: Medical Retina
Moderators: Baruch D. Kuppermann, MD, PhD; Peter K. Kaiser, MD
Panelists: Caroline R. Bauman, MD, FASRS; Prithvi Mruthyunjaya, MD, MHS; Carl R. Regillo, MD; Lihteh Wu, MD; Ashish Sharma, MD; Paolo Lanzetta, MD

3:45 PM - 4:15 PM Panel Discussion: Surgical Retina
Moderators: Audina M. Berrocal, MD; Andre V. Gomes, MD, PhD
Panelists: Prof. Hussain Ahmad Khaqan, MD; FRCS; Grazia Pertile, MD; J. Fernando Arevalo, MD, PhD, FACS, FASRS; Virgilio Morales-Canton, MD

4:15 PM - 4:20 PM Retina Rocks
Steven Bloom, MD (*Louisville, Kentucky*)

Session 13: RETINAWS

Session Chair: Kourous A. Rezaei, MD

4:20 PM - 5:30 PM Panelists: Homayoun Tabandeh, MD; Kasra A. Rezaei, MD; Jay Chhablani, MD; Fanny Nerinckx, MD; Marco Mura, MD; Vivek Chaturvedi, MD; Fabio Patelli, MD; Sengul Ozdek, MD, FEBO, FASRS; Nur Acar Gocgil, MD, FEBO

5:30 PM Meeting Adjourns, Closing Remarks
Kourous A. Rezaei, MD

7:00 PM - 8:30 PM RWC After Seven - Social Reception, Ocean Ballroom



RETINA WORLD CONGRESS
MAY 12-15, 2022 | FORT LAUDERDALE MARRIOTT HARBOR BEACH HOTEL

Lectures are 5-minutes + 3-minutes for Q&A
Abstract lectures are 3-minutes + 1-minute for Q&A
Faculty will alternate speaking from both podiums.
Registration: 7:30 am – 11:00 am
SRR: 7:30 am – 11:00 am

Sunday, May 15, 2022

7:30 AM Continental Breakfast

8:00 am – 8:05 am Opening Remarks
Jorge C. P. Rocha, MD, PhD

Session 14: Abstract Winners

8:05 AM - 8:09 AM Outcomes of Modern Small-Gauge Pars Plana Vitrectomy in the Management of Primary Non-complex Rhegmatogenous Retinal Detachment
Omar Moinuddin, MD (*University of Michigan, Ann Arbor, Michigan*)

8:09 AM - 8:13 AM Suprachoroidal Triamcinolone Acetonide Injectable Suspension for Macular Edema Associated with Uveitis: Outcomes by Anatomic Subtypes in PEACHTREE
Quan Dong Nguyen, MD presented by Dilraj S. Grewal, MD, FASRS

8:13 AM - 8:17 AM Idiopathic Vitreomacular Traction Managed with Initial Observation: Clinical Course and Outcomes
Veshesh Patel, DO (*Bascom Palmer Eye Institute, Ft Lauderdale, Florida*)

Session 15: Early Career Session

Session Chairs: Mitul C. Mehta, MD, MS; Hemang K. Pandya, MD; Eduardo Uchiyama, MD, FACS, FASRS; Netan Choudhry, MD, FRCS, DABO

8:17 AM - 8:47 AM Medical Mysteries and Diagnostic Challenges

Session 16: Pediatric Retina

Session Chairs: Nur Acar Gocgil, MD, Prof, FEBO; Lejla Vajzovic, MD

8:47 AM - 8:52 AM Introduction and Pretest – 1 ARS question

8:52 AM - 9:00 AM The Management of Pediatric Rhegmatogenous Retinal Detachments
Nur Acar Gocgil, MD, Prof, FEBO (*Acibadem University, Istanbul, Turkey*)

9:00 AM - 9:08 AM Long-term (>10 years) of Anti-VEGF in ROP Studies
Alay S. Banker, MD (*Ahmedabad, India*)

9:08 AM - 9:16 AM The Mathematics of ROP
Darius M. Moshfeghi, MD (*Stanford University, Palo Alto, California*)

9:16 AM - 9:24 AM Management of Pediatric Combined Hamartoma of Retina and Retina Pigment Epithelium: Conservative vs Surgical Approach
Şengül Özdek, MD, FEBO, FASRS (*Gazi University, Ankara, Turkey*)

9:24 AM - 9:32 AM Treatment Update for Inherited Retinal Degenerations
Byron L. Lam, MD (*University of Miami, Miami, Florida*)

9:32 AM - 9:40 AM General Considerations for Pediatric Vitrectomy
Mohammad Riazi, MD (*University of California, Irvine, California*)

9:40 AM - 9:48 AM Endoscopic Vitrectomy for Complex Pediatric Retinal Detachments
Thomas C. Lee, MD (*Keck School of Medicine USC, Los Angeles, California*)

9:48 AM – 9:49 AM Posttest – 1 ARS question

Panel Discussion

9:49 AM - 10:10 AM Pediatric Retina Case Discussion
Moderator: Audina M. Berrocal, MD
Panelists: Thomas C. Lee, MD; Shunji Kusaka, MD, PhD; Andres Kychenthal, MD; R.V. Paul Chan, MD, MSc, MBS, FACS

Session 17: Ocular Oncology and Miscellaneous Retina

Session Chairs: Basil K. Williams Jr, MD; Priscilla L. Ballalai, MD, PhD

10:10 AM - 10:13 AM Introduction and Pretest – 1 ARS question

10:13 AM - 10:21 AM Breaking Findings from the COOG2 Trial
Thomas M. Aaberg, Jr., MD (*Grand Rapids, Michigan*)

10:21 AM - 10:29 AM Liquid Biopsy in Ocular Oncology – Ready for Prime Time?
J. William Harbour, MD (*UT Southwestern Medical School, Dallas, Texas*)

10:29 AM - 10:37 AM Diagnosis of Small Choroidal Melanoma: Is Machine Learning Any Better?
Arun D. Singh, MD (*Cleveland Clinic, Cleveland, Ohio*)

10:37 AM – 10:38 AM Posttest – 1 ARS question

Panel Discussion

10:39 AM - 10:57 AM Ocular Oncology Case Discussion
Moderator: Prithvi Mruthyunjaya, MD, MHS
Panelists: Juan D. Arias, MD; Timothy G. Murray, MD; Arun D. Singh, MD; Basil K. Williams Jr, MD

10:57 AM - 11:00 AM Meeting Adjourns, Closing Remarks
Program Committee