



RETINA WORLD CONGRESS

Thursday, May 9, 2024

Continental Breakfast

7:30 am – 8:00 am

Welcome

8:00 am – 8:10 am

Opening Remarks
Kourous A. Rezaei, MD

Unplugged**

8:10 am – 8:35 am

Designing Clinical Studies within the FDA Guidance

Moderators: Baruch D. Kuppermann, MD, PhD

Panelists:

Pravin U. Dugel, MD – Ocular Therapeutix

Joao (John) Trein, MD – Ora

Reenie McCarthy – Stealth

David Boyer, MD

Tarek Hassan, MD

8:35 am – 9:05 am

What's Next in Wet AMD

Moderator: Rishi P. Singh, MD

Panelists:

Jay S. Duker, MD – EyePoint Pharmaceuticals

Ram Palanki – RegenxBio

Fred Guerard, PharmD – Opthea

Pravin U. Dugel, MD – Ocular Therapeutix

Sonia T. Oskouei, PharmD – Sandoz

C. Russell Trenary III – Outlook Therapeutics

Aleksandra Rachitskaya, MD

9:05 am – 9:35 am

Gene Therapy, Pharmacotherapy and Optogenetics for IRD

Moderators: Peter K. Kaiser, MD

Panelists:

Samarendra Mohanty – Nanoscope Therapeutics

Robert Kim, MD - 4D Molecular Therapeutics

John Pollack, MD – jCyte

Arun Upadhyay, PhD – Ocugen

Lejla Vajzovic, MD, FASRS

Kourous A. Rezaei, MD

9:35 am – 10:05 am

Geographic Atrophy

Moderator: Rishi P. Singh, MD

Michael Ehrlich, MD, MBA – Alexion

David Callanan – Aviceda Rx

Cedric Francois, MD, PhD – Apellis

Erin C. Henry, PhD – Astellas

Namrata Saroj, OD

10:05 am – 10:35 am **Intermediate Dry AMD**
Moderator: Peter K. Kaiser, MD
Panelists:
Martin Emanuele, PhD – Visgenx
Nehal N. Mehta, MD, MSCE – Mobius
Dana Rabinovich, PhD – Ophtimed RX
Baruch D. Kuppermann, MD, PhD
Virgilio Morales-Canton, MD

10:35 am – 11:05 am **Diabetic Retinopathy**
Moderator: Baruch D. Kuppermann, MD
Riad Sherif, MD – Oculus
Ramin Valian – Abbvie
Michael A. Singer, MD
Jorge C. P. Rocha, MD, PhD
Jennifer I. Lim, MD, FARVO

11:05 am – 11:35 am **New Pathways in Retinal Diseases**
Moderator: Rishi P. Singh, MD
David Zacks, MD, PhD – ONL Therapeutics
Richard Small – Neurotech
Aaron Osborne, MD – Genentech
Baruch D. Kuppermann, MD, PhD
Arjun Sood, MD

11:35 am – 12:00 pm **What's New in Retinal Imaging**
Moderators: Prof. Paulo Eduardo Stanga; Steve Bloom, MD
Carlos Ciller, PhD – RetinAI
Anne Marie Cairns – Optos
Jay Chhablani, MD
Rishi P. Singh, MD
Daniela Ferrara, MD

Break

12:00 pm – 12:10 pm

CME LUNCH SEMINAR – Ocean Ballroom

12:10 pm – 1:10 pm Fluid Fluctuations in nAMD and DME: Does It Really Make a Difference in Anatomical and Functional Outcomes?
Faculty: Jennifer I. Lim, MD, FARVO, FASRS (Chair); Ferhina S. Ali, MD, MPH, FASRS
This continuing education activity is provided by Vindico Medical Education. This activity is supported by an educational grant from Genentech, a member of the Roche Group.

Break

1:10 pm – 1:20 pm

Uveitis

Session Chairs: Janet Davis, MD; Steven Yeh, MD

1:20 pm – 1:23 pm Introduction and Pretest (1 question)

1:23 pm – 1:28 pm	Insights into Diagnosis and Treatment of Autoimmune Retinopathy Lucia Sobrin, MD, MPH
1:28 pm – 1:31 pm	Discussion
1:31 pm – 1:36 pm	Management of Acute Retinal Necrosis Arjun Sood, MD
1:36 pm – 1:39 pm	Discussion
1:39 pm – 1:44 pm	Immune Checkpoint Inhibitor-associated Uveitis Arthi Venkat, MD
1:44 pm – 1:47 pm	Discussion
1:47 pm – 1:52 pm	Local vs. Systemic Immunosuppression for Uveitis: Implementing Clinical Trial Evidence Steven Yeh, MD
1:52 pm – 1:55 pm	Discussion
1:55 pm – 2:00 pm	An IRIS Database Look at Triamcinolone Acetonide Michael A. Singer, MD
2:00 pm – 2:03 pm	Discussion
2:03 pm – 2:08 pm	Surgery in Uveitis Patients: From Repair to Treatment Lisa J. Faia, MD
2:08 pm – 2:11 pm	Discussion
2:11 pm – 2:16 pm	Fingerprint Sign in Inflammatory Chorioretinal Diseases Mauro Goldbaum, MD
2:16 pm – 2:19 pm	Discussion
2:19 pm – 2:20 pm	Posttest (1 question)

Uveitis: Case Presentations and Panel Discussion

Moderator: Sophia Androudi, MD, PhD; Eduardo Uchiyama, MD, FACS, FASRS

Panelists: Janet L. Davis, MD; Marc D. de Smet, MDCM, PhD, FRCSC, FMH, FARVO; Lucia Sobrin, MD, MPH; Alexandre A. C. M. Ventura, MD, PhD, MBA

2:21 pm – 2:45 pm	Case Presentations
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Exhibit Hall and Networking

2:45 pm - 3:15 pm	Refreshments in the Exhibit Hall (official opening)
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Macular Surgery

Session Chairs: Kourous A. Rezaei, MD; Marcos P. Ávila, MD

3:15 pm - 3:17 pm	Introduction and Pretest (1 question)
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3:17 pm – 3:22 pm	Macular Buckle for Myopic Traction Maculopathy: 15 Years Result on a Large Series of 270 Cases Barbara Parolini, MD
3:22 pm – 3:25 pm	Discussion
3:25 pm – 3:30 pm	Foveal Displacement and Metamorphopsia Following Macular Hole Surgery Remzi Avci, MD
3:30 pm – 3:33 pm	Discussion
3:33 pm – 3:38 pm	Subretinal vs. Intravitreal Aflibercept: The Native Study Matias Iglicki, MD, PhD, FEBO, FICO
3:38 pm – 3:41 pm	Discussion
3:41 pm – 3:46 pm	Objective and Quantitative Estimation of the Optimal Timing for Epiretinal Membrane Surgery Based on Metamorphopsia Yuki Morizane, MD, PhD
3:46 pm – 3:49 pm	Discussion
3:49 pm – 3:54 pm	Vitrectomy for Diabetic Macular Edema Jerzy Nawrocki, MD, PhD
3:54 pm – 3:57 pm	Discussion
3:57 pm – 4:02 pm	Inverted ILM in Macular Hole Ezequiel Rosendi, MD
4:02 pm – 4:05 pm	Discussion
4:05 pm – 4:10 pm	Treatment Alternatives for Large Macular Holes Magno A. Ferreira, MD, MsC, MBA, PhD
4:13 pm – 4:14 pm	Posttest (1 question)

Macular Surgery: Case Presentations and Panel Discussion

Moderators: Tamer H. Mahmoud, MD, PhD; Arnaldo F. Bordon, MD, PhD

Panelists: Levent Akduman, MD, FASRS; Arturo Alezzandrini, MD, PhD; Tatyana Avanesova, MD; Pablo Chamartin, MD; Gabriela Lopezcarasa, MD; Virgilio Morales-Canton, MD; Marcelo Zas, MD, PhD

4:15 pm – 4:43 pm Case Presentations

Retina Potpourri

Session Chairs: David T. Wong, MD, FRCSC, FASRS; Christina Y. Weng, MD, MBA

4:45 pm – 4:47 pm	Introduction and Pretest (1 question)
4:47 pm – 4:52 pm	Racial Diversity Among U.S. Clinical Trials Jay Chhablani, MD
4:52 pm – 4:55 pm	Discussion

4:55 pm – 5:00 pm	Diversity, Equity and Inclusion Aspects of Retinal Diseases Judy E. Kim, MD, FARVO, FASRS
5:00 pm – 5:03 pm	Discussion
5:03 pm – 5:08 pm	Radiation Retinopathy is a Misnomer for Tumor-associated Retinopathy Timothy G. Murray, MD, MBAd
5:08 pm – 5:11 pm	Discussion
5:11 pm – 5:16 pm	Gender Trends in Canadian Surgery: A 30-year Update Nirojini Sivachandran, MD, PhD, FRCSC
5:16 pm – 5:19 pm	Discussion
5:19 pm – 5:24 pm	Ophthalmic Artery Angioplasty for GA: Rationale and Perspective Mario Saravia, MD
5:24 pm – 5:27 pm	Discussion
5:27 pm – 5:32 pm	Virtual Education in Retina Jorge C. P. Rocha, MD, PhD
5:32 pm – 5:35 pm	Discussion
5:35 pm – 5:40 pm	Safety Concerns in Retinal Pharmacotherapy Thomas A. Albini, MD
5:40 pm – 5:43 pm	Discussion
5:43 pm – 5:48 pm	Strategies to Minimize Pain with Intravitreal Injections Sunir J. Garg, MD, FACS
5:48 pm – 5:51 pm	Discussion
5:51 pm – 5:56 pm	Keratoprosthesis and Retinal Surgery Jennifer I. Lim, MD, FACS
5:56 pm – 5:59 pm	Discussion
5:59 pm – 6:00 pm	Posttest (1 question)

Abstract Presentations

Session Chairs: Marcelo Zas, MD, PhD; Patricia Udaondo, MD

6:01 pm – 6:02 pm	Introduction
6:02 pm – 6:07 pm	Primary Vitrectomy Versus Tap and Inject in Fungal Endophthalmitis: Meta-Analysis and Comparison with Data from a Reference Center in Colombia Juan David Arias Aristizabal, MD
6:07 pm – 6:09 pm	Discussion

6:09 pm – 6:14 pm	Outcomes of Nd: YAG Laser Posterior Membranotomy for the Treatment of Premacular Hemorrhages: A Systematic Review and Meta-Analysis Michael Bouaziz, MD
6:14 pm – 6:16 pm	Discussion
6:16 pm – 6:21 pm	Autologous Platelet Concentrate in Epiretinal Membrane Surgery: A Single Center Prospective Comparative Non-Inferiority Study Olga Furashova, MD
6:21 pm – 6:23 pm	Discussion
6:23 pm – 6:28 pm	Result of Large Macular Hole Surgery Using 4 Leaflet Inverted ILM Flap Technique Fabio Patelli, MD
6:28 pm – 6:30 pm	Discussion
Meeting Adjourns	
6:30 pm	Closing Remarks Jay Chhablani, MD

Welcome Reception*

6:30 pm - 8:00 pm

*Not approved for AMA PRA Category 1 Credit(s)[™].

Friday, May 10, 2024

INDUSTRY EXPERT THEATER BREAKFAST** – Ocean Ballroom

7:30 am - 8:30 am Advancing GA Management: Insights into Lesion Reduction and Patient Eligibility
Faculty: Matthew Cunningham, MD; Jaclyn L. Kovach, MD, FASRS
This promotional educational event is presented by Apellis
***This session is not approved for AMA PRA Category 1 Credit(s)[™] and is neither provided by nor endorsed by RWC 2024 or its accredited provider.*

Break

8:30 am – 8:40 am

Welcome

8:40 am – 8:45 am Announcements
Tarek S. Hassan, MD

Surgery Technology

Session Chairs: David R. Chow, MD; Tarek S. Hassan, MD

8:45 am – 8:47 am	Introduction & Pretest (1 question)
8:47 am – 8:52 am	A New Frontier for Safe Surgical Instrumentation Tarek S. Hassan, MD
8:52 am – 8:55 am	Discussion
8:55 am – 9:00 am	Retina in the Metaverse

S. K. Steven Houston III, MD

9:00 am – 9:03 am	Discussion
9:03 am – 9:08 am	Innovative Concepts in External Factors Related to Surgeon's Dexterity in Surgical Simulator: Principles for Optimized Vitreoretinal Surgery Mauricio Maia, MD, PhD
9:08 am – 9:11 am	Discussion
9:11 am – 9:16 am	World's First Bi-Robotic Assisted VR Surgery Fanny Nerinchkx, MD
9:16 am – 9:19 am	Discussion
9:19 am – 9:24 am	An Update on State-of-the-Art 3D Surgery David R. Chow, MD
9:24 am – 9:27 am	Discussion
9:27 am – 9:28 am	Posttest (1 question)

Secondary IOLs

Session Chairs: Andre V. Gomes, MD, PhD; Virgilio Morales-Canton, MD

9:29 am – 9:30 am	Introduction and Pretest (1 question)
9:30 am – 9:35 am	Secondary IOL Implantation: Everlasting Challenges Andre V. Gomes, MD, PhD
9:35 am – 9:38 am	Discussion
9:38 am – 9:43 am	Trocar-assisted Sutureless Intrasceral Fixation of Intraocular Lenses: A Data-based Approach to Optimization of Outcomes Ashkan Abbey, MD
9:43 am – 9:46 am	Discussion
9:46 am – 9:51 am	Limited Anterior Vitrectomy vs. Complete Pars Plana Vitrectomy Combined with Secondary IOL Implantation Matteo Forlini, MD
9:51 am – 9:54 am	Discussion
9:54 am – 9:55 am	Posttest (1 question)

Secondary IOLs: Case Presentations and Panel Discussion

Moderators: Natarajan Sundaram, MD; Andre Maia, MD, PhD

Panelists: Ernesto Bali, MD; Thodoris Giannopoulos, MD; Maria Joan Loy, MD; Petros Petrou, MD, PhD; Matko Vidosevich, MD; Leandro Cabral Zacharias, MD

9:55 am – 10:18 am	Case Presentations
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Retinal Detachment Surgery

Session Chairs: Parnian Arjmand, MD, MSc, FRCSC; Hugo Quiroz-Mercado, MD

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| 10:19 am – 10:21 am | Introduction and Pretest (1 question) |
| 10:21 am – 10:26 am | Myopic Macular Hole and Retinal Detachment: Technical Considerations and Surgical Technique
Fabio Patelli, MD |
| 10:26 am – 10:29 am | Discussion |
| 10:29 am – 10:34 am | Understanding Pars Plana Changes in Retinal Redetachment Beyond Scleral Indentation: Endoscopic Insights
Flavio A. Rezende, MD, PhD |
| 10:34 am – 10:37 am | Discussion |
| 10:37 am – 10:42 am | The Use of Blue Dye to Identify Non-visible Retinal Breaks in Selected Cases of Rhegmatogenous Retinal Detachment
Khalid K. Sabti, MD, FRCSC |
| 10:42 am – 10:44 am | Discussion |
| 10:44 am – 10:45 am | Posttest (1 question) |

Exhibit Hall and Networking

10:45 am – 11:15 am Refreshments in the Exhibit Hall

Retinal Detachment Surgery (Continued)

Session Chairs: Nirojini Sivachandran, MD, PhD, FRCSC; Cynthia Qian, MD, FRCS, DABO

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| 11:15 am – 11:16 am | Introduction |
| 11:16 am- 11:21 am | Management of Retained Lens Fragments After Cataract Surgery: Does Timing of Vitrectomy Matter?
Harry W. Flynn, MD |
| 11:21 am – 11:24 am | Discussion |
| 11:24 am – 11:29 am | Is it the Encircling Buckles or the 360 Laser that Reduces the Rate of Retinal Redetachment in Some Clinical Trials for PPV Alone or PPV Plus Scleral Buckle?
Steve Charles, MD |
| 11:29 am – 11:32 am | Discussion |
| 11:32 am – 11:37 am | Intraoperative Sealing of Retinal Tears Without Tamponade: A New Method and Device
Wilson J. Heriot, MBBS, FRANZCO |
| 11:37 am – 11:40 am | Discussion |

Abstract Presentation

Session Chair: Baruch D. Kuppermann, MD, PhD

11:40 am – 11:45 am Aflibercept 8 mg for Diabetic Macular Edema: 96-Week Results from the Phase 2/3 PHOTON Trial
Nauman Chaudhry, MD

11:45 am – 11:47 am Discussion

RWC Board Announcement

11:47 am – 11:57 am Kourous A. Rezaei, MD; Baruch D. Kuppermann, MD, PhD

Pediatric Retina: Case Presentations and Panel Discussion

Moderator: Audina M. Berrocal, MD; Maria A. Martinez-Castellanos, MD

Panelists: Shunji Kusaka, MD, PhD; Andres Kychenthal, MD; Darius M. Moshfeghi, MD; Sengül Özdek, MD; Mohammad Riaz, MD; Susana Teixeira, MD

11:57 am – 12:20 pm Case Presentations

Break

12:20 pm – 12:30 pm

INDUSTRY EXPERT THEATER LUNCH** – Ocean Ballroom

12:30 pm – 1:30 pm A Case-Based Approach to Using Vabysom (faricimab-svoa)

Faculty: Maria H. Berrocal, MD; Baruch D. Kuppermann, MD, PhD

This promotional educational event is presented by Genentech

***This session is not approved for AMA PRA Category 1 Credit(s)[™] and is neither provided by nor endorsed by RWC 2024 or its accredited provider.*

Break

1:30 pm – 1:40 pm

Gene and Cell Therapy

Session Chairs: J. Fernando Arevalo, MD, PhD, FACS, FASRS; Christine N. Kay, MD

1:40 pm – 1:41 pm Introduction and Pretest (1 question)

1:41 pm – 1:46 pm ADVIM-022 Intravitreal Gene Therapy for nAMD: Preliminary Data from the Phase 2 LUNA Study and 3-Year Results from The Phase 1 OPTIC Extension Trial
Carl D. Regillo, MD

1:46 pm – 1:49 pm Discussion

1:49 pm – 1:54 pm Gene Therapy Associated Uveitis
David Almeida, MD, MBA, PhD

1:54 pm – 1:57 pm Discussion

1:57 pm – 2:02 pm Update on Altitude Suprachoroidal Gene Therapy Program for Diabetic Retinopathy
Dilsher S. Dhoot, MD

2:02 pm – 2:05 pm Discussion

2:05 pm – 2:10 pm Retinal Progenitor Cells for the Treatment of Retinitis Pigmentosa
Baruch D. Kuppermann, MD, PhD

2:10 pm – 2:13 pm Discussion

2:13 pm – 2:18 pm	4DMT's Gene Therapy Program for Wet AMD Veeral Sheth, MD, PhD
2:18 pm – 2:21 pm	Discussion
2:21 pm – 2:26 pm	Abstract Presentation: Longitudinal BCVA and Safety Analysis of Mutation-Agnostic MCO-010 Optogenetic Therapy for Retinitis Pigmentosa: Patient Case From A Phase 2b Randomized, Sham-Controlled, Patient- And Assessor-Masked Clinical Trial (RESTORE) Christine N. Kay, MD
2:26 pm – 2:28 pm	Discussion & Posttest (1 question)

Abstract Presentations

Session Chairs: Jose Gerardo Garcia-Aguirre, MD; Laxmi V. Devisetty, MD

2:28 pm – 2:29 pm	Introduction
2:29 pm – 2:34 pm	Intravitreal Delivery of Genetic Sequences in Human and Non-Human Primate Eyes: A Systematic Review Esther Yesde Son, MD, PhD
2:34 pm – 2:36 pm	Discussion
2:36 pm – 2:41 pm	Assessing the Accuracy of Large Language Models in Diagnosing Retinitis Pigmentosa Using Case Presentations Deniz Goodman, BA
2:41 pm – 2:43 pm	Discussion
2:43 pm – 2:48 pm	Comparison of Antiangiogenic Agents (Ranibizumab, Aflibercept, Bevacizumab and Ziv-Aflibercept) in the Therapeutic Response to the Exudative Form of Age-Related Macular Degeneration According to the Treat-And-Extend Protocol- True Head-To-Head Study Tereza Kanadani, MD
2:48 pm – 2:50 pm	Discussion

RWC Retina Rocks Image Gallery Presentations

Moderators: Steven M. Bloom, MD; Prof. Paulo Eduardo Stanga

2:50 pm – 2:51 pm	Introduction
2:51 pm – 2:55 pm	Harada's Disease and Giant RPE Tear Anjana Sanjay Mirajkar, MS
2:55 pm – 2:57 pm	Discussion
2:57 pm – 3:01 pm	Choroidal Hemangioma Widefield OCT and Choroidal Transplant for Subfoveal AMD MNV Barbara Parolini, MD
3:01 pm – 3:03 pm	Discussion

3:03 pm – 3:05 pm Retinal Arteriovenous Malformation
Şengül Özdek, MD

3:05 pm – 3:06 pm Discussion

Exhibit Hall Break

3:06 pm - 3:35 pm Refreshments and Networking

Wet Age-related Macular Degeneration

Session Chairs: Francesco Bandello, MD, FEBO; Judy E. Kim, MD, FARVO, FASRS

3:35 pm – 3:38 pm Introduction and Pretest (3 questions)

3:38 pm – 3:43 pm FARETINA AMD: IRIS Registry Faricimab
Ferhina S. Ali, MD, MPH

3:43 pm – 3:46 pm Discussion

3:46 pm – 3:51 pm Tyrosine Kinase Inhibitors for Retinal Diseases
Robert L. Avery, MD

3:51 pm – 3:54 pm Discussion

3:54 pm – 3:59 pm Experience with Interbiosimilar Switching from India
Ashish Sharma, MD

3:59 pm – 4:02 pm Discussion

4:02 pm – 4:07 pm Latest Trial Updates Regarding OPT-302
Jordana Fein, MD

4:07 pm – 4:10 pm Discussion

4:10 pm – 4:15 pm Gene Therapy for AMD
Lejla Vajzovic, MD, FASRS

4:15 pm – 4:18 pm Discussion

4:18 pm – 4:23 pm Home OCT and its Potential Impact on How We Manage Wet AMD
Christina Y. Weng, MD, MBA

4:23 pm – 4:26 pm Discussion

4:26 pm – 4:31 pm High Dose Aflibercept
W. Lloyd Clark, MD

4:31 pm – 4:34 pm Discussion

4:34 pm – 4:39 pm Management of Patients with Wet AMD and Concomitant Geographic Atrophy:
Logistical Considerations and Best Practices
Andrew A. Moshfeghi, MD, MBA

4:39 pm – 4:42 pm	Discussion
4:42 pm – 4:47 pm	PDS Septum Dislodgments: What Happened and How Has It Been Fixed Dante J. Pieramici, MD
4:47 pm – 4:50 pm	Discussion
4:50 pm – 4:52 pm	Posttest (3 questions)

Wet Age-related Macular Degeneration: Case Presentations and Panel Discussion

Moderators: Sharon Fekrat, MD

Panelists: Pablo Cibils, MD; Rodrigo Jorge, MD, PhD; Luiz Lima, MD; Mitul C. Mehta, MD, MS; Dinah Zur, MD

4:53 pm – 5:13 pm Panel Discussion

Dry Age-related Macular Degeneration

Session Chairs: Maura Di Nicola, MD; Rishi P. Singh, MD, FASRS

5:14 pm – 5:15 pm	Introduction
5:15 pm – 5:20 pm	Imaging Features that Predict Progression to Geographic Atrophy Glenn J. Jaffe, MD
5:20 pm – 5:23 pm	Discussion
5:23 pm – 5:28 pm	Geographic Atrophy and Artificial Intelligence: Development and Validation of an Explainable Learning Model Using Color Retinal Photographs Paolo Lanzetta, MD
5:28 pm – 5:31 pm	Discussion
5:31 pm – 5:36 pm	GATHER1 and GATHER2 Long-term Study Overview Durga S. Borkar, MD, MMCI
5:36 pm – 5:39 pm	Discussion
5:39 pm – 5:44 pm	Emerging Therapies for Geographic Atrophy Rishi P. Singh, MD, FASRS
5:44 pm – 5:47 pm	Discussion
5:47 pm – 5:52 pm	GALE Study: Long-term Data David S. Boyer, MD
5:52 pm – 5:55 pm	Discussion

Dry Age-related Macular Degeneration: Panel Discussion

Moderators: Paolo Lanzetta, MD; Mitul C. Mehta, MD, MS

Panelists: Justis P. Ehlers, MD; Jaclyn L. Kovach, MD, FASRS; Tryfon Rotsos, MD; Danilo Soriano, MD, PhD; Eric Souied, MD, PhD

5:56 pm – 6:21 pm Panel Discussion

Meeting Adjourns

6:21 pm – 6:25 pm Closing Remarks - Rishi P. Singh, MD

Saturday, May 11, 2024

CME BREAKFAST SEMINAR – Ocean Ballroom

7:30 am - 8:30 am Reviving Sight: Innovative Therapies to Combat Geographic Atrophy Secondary to Age-Related Macular Degeneration
Chair: Rishi P. Singh, MD; Carl D. Regillo, MD, FACS
*This continuing education activity is provided by Vindico Medical Education.
This activity is supported by educational grants from Apellis Pharmaceuticals, Inc. and Topcon Healthcare.*

Break

8:30 am – 8:40 am

Welcome

8:40 am – 8:42 am Announcements
Baruch D. Kuppermann, MD, PhD

Medical Retina: DME and Diabetic Retinopathy

Session Chairs: Baruch D. Kuppermann, MD, PhD; Aleksandra Rachitskaya, MD

8:42 am – 8:44 am	Introduction and Pretest (1 question)
8:44 am – 8:49 am	What if Diabetic Retinopathy Patients are Lost to Follow-up? J. Fernando Arevalo, MD, PhD, FACS, FASRS
8:49 am – 8:52 am	Discussion
8:52 am – 8:57 am	KSI-501 (Anti-VEGF and Anti-IL-6 Dual Inhibitor) in Diabetic Macular Edema Mark R. Barakat, MD
8:57 am – 9:00 am	Discussion
9:00 am – 9:05 am	INSITE DME Trial: The Need for Evidence Generation in DME Management Varun Chaudhary, MD
9:05 am – 9:08 am	Discussion
9:08 am – 9:13 am	Diabetic Screening with Near Infrared Imaging Yasha S. Modi, MD
9:13 am – 9:16 am	Discussion
9:16 am – 9:21 am	Biophysics of Photobiomodulation Albert J. Augustin, MD
9:21 am – 9:24 am	Discussion
9:24 am – 9:29 am	Predictive Biomarkers for DME Treatment with Steroids: Retrospective and Prospective Study Results Patricia Udaondo, MD

9:29 am – 9:32 am	Discussion
9:32 am – 9:37 am	Data from the COMINO/BALATON Faricimab RVO Trials Carl J. Danzig, MD
9:37 am – 9:40 am	Discussion
9:40 am – 9:45 am	5-Year Real World Outcomes of Anti-VEGF for Macular Edema Secondary to CRVO and BRVO Lihteh Wu, MD
9:45 am – 9:48 am	Discussion
9:48 am – 9:49 am	Posttest (1 question)

Diabetic Retinopathy: Case Presentations and Panel Discussion

Moderators: Jorge A. Fortun, MD; Nur Acar Gocgil, MD, Prof, FEBO

Panelists: Kostantinos Balaskas, MD; Osias Francisco De Souza, MD; Ricardo Japiassu, MD; Daniel Moreno-Páramo, MD; Hemang K. Pandya, MD; Vaibhav Sethi, MBBS, DNB, FICO(UK), FLVPEI

9:50 am – 10:16 am	Case Presentations
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Abstract Presentations

Session Chairs: Andres I. Bastien, MD; Ashish Sharma, MD

10:17 am – 10:18 am	Introduction
10:18 am – 10:23 am	Rationale for the Design of the Phase 3 Superiority Clinical Trials of Sozinibercept Combination Therapy Targeting Inhibition of VEGF-C/-D and VEGF-A for Neovascular Age-Related Macular Degeneration David Eichenbaum, MD
10:23 am – 10:25 am	Discussion
10:25 am – 10:30 am	Long-term Efficacy and Safety of Pegcetacoplan Over 36 Months Including 12-Month Results of the GALE Open-Label Extension Study Jorge A. Fortun, MD
10:30 am – 10:32 am	Discussion
10:32 am – 10:37 am	Evaluating Ellipsoid Zone Integrity Features in Drusen Volume Matched Intermediate AMD Eyes as a Marker of the Risk of Geographic Atrophy Development Asmita Indurkar, MD
10:37 am – 10:39 am	Discussion

Exhibit Hall Refreshments and Networking

10:45 am - 11:15 am	Refreshments in the Exhibit Hall
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Diabetic Vitrectomy

Session Chairs: Maria H. Berrocal, MD; Lihteh Wu, MD

11:15 am – 11:17 am	Introduction and Pretest (1 question)
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11:17 am – 11:22 am	Rebleeds and Redetachments in Diabetic Vitrectomy Faisal Fayyad, MD
11:22 am – 11:25 am	Discussion
11:25 am – 11:30 am	Early Vitrectomy for PDR Complications Maria H. Berrocal, MD
11:30 am – 11:33 am	Discussion
11:33 am – 11:38 am	Bimanual vs. Unimanual Technique for Severe Diabetic Tractional Retinal Detachment Nelson A. Sabrosa, MD, PhD
11:38 am – 11:41 am	Discussion
11:41 am – 11:46 am	Peel or Not to Peel the ILM in Diabetic Vitrectomy Tural Galbinur, MD, PhD, DSC
11:46 am – 11:49 am	Discussion
11:49 am – 11:54 am	ILM peel the TABOO in diabetic TRD Ashraf Shaarawy, MD
11:54 am – 11:57 am	Discussion
11:57 am – 12:00 pm	Posttest (1 question)

Kirk Packo Surgical Video Gallery

Moderators: Vivek Chaturvedi, MD; Nassim Abreu, MD; Aleksandra Rachitskaya, MD

12:00 pm – 12:05 pm	Introduction
12:05 pm – 12:09 pm	Improving Surgical Outcomes with Intraoperative Fluorescein Angiography in PDR Joaquin Sosa-Lockward, MD
12:09 pm – 12:11 pm	Discussion
12:12 pm – 12:16 pm	Subretinal Cysticercosis Diva Kant Mirsa, MBBS, DNB, DO
12:16 pm – 12:20 pm	Discussion

Break

12:20 pm – 12:30 pm

CME LUNCH SEMINAR – Ocean Ballroom

12:30 pm – 1:30 pm nAMD and DME Management: Exploring Innovative Alternatives to Minimize Injection Frequency
Chair: Michael A. Singer, MD; W. Llyod Clark, MD; Christina Y. Weng, MD, MBA
This continuing education activity is provided by Vindico Medical Education.
This activity is supported by an independent medical education grant from Regeneron Pharmaceuticals, Inc.

Break

1:30 pm – 1:40 pm

Trauma and PVR

Session Chairs: Barbara Parolini, MD; Jorge C. P. Rocha, MD, PhD

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| 1:40 pm – 1:41 pm | Introduction and Pretest (1 question) |
| 1:41 pm – 1:46 pm | Management of Retinal Detachments Associated with Severe PVR
Homayoun Tabandeh, MD |
| 1:46 pm – 1:49 pm | Discussion |
| 1:49 pm – 1:54 pm | Association between Keloids/Skin Scarring and Post-operative Retinal
Proliferative Vitreoretinopathy or Epiretinal Membrane Formation
Danny A. Mammo, MD |
| 1:54 pm – 1:57 pm | Discussion |
| 1:57 pm – 2:02 pm | Outcomes of Retinectomy Without Lensectomy in Phakic Eyes Compared with
Pseudophakic Eyes with Proliferative Vitreoretinopathy
Jason Hsu, MD |
| 2:02 pm – 2:05 pm | Discussion |
| 2:05 pm – 2:06 pm | Posttest (1 question) |

Challenges in Retina

Session Chairs: Nassim Abreu, MD; Ogugua Ndubuisi Okonkwo, MD, FRCS, FASRS; Cynthia Qian, MD, FRCS, DABO

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| 2:06 pm – 2:07 pm | Introduction and Pretest (1 question) |
| 2:07 pm – 2:12 pm | Simultaneous Silicone Oil Removal and Subliminal Transscleral Cyclophotocoagulation
in Patients with Secondary Glaucoma
Aureliano Moreno, MD |
| 2:12 pm – 2:15 pm | Discussion |
| 2:15 pm – 2:20 pm | Surgery in Ocular Hypotony
Eleonora Lavaque, MD |
| 2:20 pm – 2:23 pm | Discussion |
| 2:23 pm – 2:28 pm | Anterior Segment-related Poor Visibility During Vitreoretinal Surgery
Francesco Boscia, MD |
| 2:28 pm – 2:31 pm | Discussion |
| 2:31 pm – 2:36 pm | Optic Disc Pit and Associated Serous Macular Detachment: The Way We Understand
and Treat It
Hussain Ahmad Khaqan, MD, FRCS |

2:36 pm – 2:39 pm	Discussion
2:39 pm – 2:44 pm	Morphological Stages of Rhegmatogenous Retinal Detachment: Implications for Urgency of Repair Rajeev H. Muni, MD, MSC, FRCSC
2:44 pm – 2:47 pm	Discussion
2:47 pm – 2:52 pm	Surgical Management of Scone Dystrophy Mohamed Tawfik, MD
2:52 pm – 2:55 pm	Discussion
2:55 pm – 3:00 pm	Iodine Inside the Eye: The Use of Iodine in the Management of Endophthalmitis Cases Yazmín Báez, MD
3:00 pm – 3:03 pm	Discussion
3:03 pm – 3:05 pm	Posttest (1 question)

Exhibit Hall Refreshments and Networking

3:05 pm - 3:30 pm

Controversies and Hot Topics in Medical Retina: Panel Discussion

Moderators: Yasha S. Modi, MD; Kourous A. Rezaei, MD

Panelists: Sharon Fekrat, MD; Andre Maia, MD, PhD; Ashish Sharma, MD; Rishi P. Singh, MD

3:30 pm – 4:00 pm Panel discussion on the role of biosimilars, GA treatment risk-benefit, and gene therapy best approaches.

Ocular Oncology

Session Chairs: Zelia M. Correa, MD, PhD, J. William Harbour, MD

4:01 pm – 4:03 pm	Introduction and Pretest (1 question)
4:03 pm – 4:08 pm	Surgical Management of Intraocular Tumors Assisted by 3D and iOCT System Juan D. Arias, MD
4:08 pm – 4:11 pm	Discussion
4:11 pm – 4:16 pm	Surgical Treatment of Vasoproliferative Tumors Márcio B. Nehemy, MD, PhD
4:16 pm – 4:19 pm	Discussion
4:19 pm – 4:24 pm	Vitrectomy-guided Biopsy for Choroidal Tumors Victor M. Villegas, MD
4:24 pm – 4:27 pm	Discussion
4:27 pm – 4:32 pm	Melphalan Chemotherapy for Choroidal Melanoma Rodrigo Jorge, MD, PhD

4:32 pm – 4:35 pm	Discussion
4:35 pm – 4:40 pm	Liquid Biopsy in Ocular Oncology J. William Harbour, MD
4:40 pm – 4:43 pm	Discussion
4:43 pm – 4:48 pm	Update on Prognosis of Posterior Uveal Melanomas based on COOG 2 Results Zelia M. Correa, MD, PhD
4:48 pm – 4:51 pm	Discussion
4:51 pm – 4:56 pm	Application and Pitfalls of Large Language Models (LLM) in Ocular Oncology Maura Di Nicola, MD
4:56 pm – 4:59 pm	Discussion
4:59 pm – 5:04 pm	Association of Gene Expression Profile Class and Local Recurrence of Uveal Melanoma Basil K. Williams Jr, MD
5:04 pm – 5:07 pm	Discussion
5:07 pm – 5:09 pm	Posttest (1 question)

RETINAWS: Case Presentations

Session Chair: Kourous A. Rezaei, MD

Panelists: Nassim Abreu, MD; Vivek Chaturvedi, MD; Stratos Gotzaridis, MD, FSRS; Kazuaki Kadonosono, MD, PhD; George Pappas, MD; Kasra A. Rezaei, MD; Aleksandra Rachitskaya, MD; Mario Saravia, MD

5:10 pm – 6:10 pm Case Presentations

Meeting Adjourns

6:10 pm – 6:15 pm Closing Remarks
Kourous A. Rezaei, MD

6:30 pm – 8:00 pm Social Reception

Sunday, May 12, 2024

Welcome

8:00 am – 8:05 am Announcements
Andre V. Gomes, MD, PhD

Imaging and Artificial Intelligence

Session Chairs: Glenn J. Jaffe, MD; Prof. Paulo Eduardo Stanga

8:05 am – 8:07 am Introduction and Pretest (1 question)

8:07 am – 8:12 am Does Choroidal Neovascularization Contribute to the Pathogenesis of Macular Neovascularization Type 3? The RAP Study: Report 8
Bilal Haj Najeeb, MD, PhD, FEBO, FABO

8:12 am – 8:15 am	Discussion
8:15 am – 8:20 am	Hyper-reflective Band in Retinitis Pigmentosa Francesco Bandello, MD, FEBO
8:20 am – 8:23 am	Discussion
8:23 am – 8:28 am	Functional Imaging in the Retina Using 2-Photon Imaging Andrew W. Browne, MD, PhD
8:28 am – 8:31 am	Discussion
8:31 am – 8:36 am	Novel Insights into Retinal Metabolism Using Mitochondrial Flavoprotein Fluorescence Simrat Sodhi, MD
8:36 am – 8:39 am	Discussion
8:39 am – 8:44 am	OCT Risk Factors for Progression to Advanced AMD SriniVas R. Sadda, MD
8:44 am – 8:47 am	Discussion
8:47 am – 8:52 am	Retinal Imaging in Neurodegenerative Diseases: Where Do We Stand in 2024? Dilraj S. Grewal, MD, FASRS
8:52 am – 8:55 am	Discussion
8:55 am – 9:00 am	Punctate Hyperreflective Vitreous Opacities: A Frequent OCT Finding in Healthy Children Dinah Zur, MD
9:00 am – 9:03 am	Discussion
9:03 am – 9:08 am	New Technologies for Navigated Peripheral OCT of the Vitreoretinal Interface and Retina Prof. Paulo Eduardo Stanga
9:08 am – 9:11 am	Discussion
9:11 am – 9:13 am	Posttest (1 question)

Imaging: Case Presentations and Panel Discussion

Moderator: Jay Chhablani, MD; Nadia K. Waheed, MD

Panelists: Andrew W. Browne, MD, PhD; Sharon Fekrat, MD; José Gerardo García-Aguirre, MD; Dilraj S. Grewal, MD, FASRS; Magdy Moussa, MD; Efstratios Paroikakis, MD

9:14 am – 9:40 am Case Presentations

Abstract Presentations

Chairs: Gabriela Lopezcarasa, MD; Ashraf Shaarawy, MD

9:40 am – 9:42 am Introduction

9:42 am – 9:47 am	Benefits of Intraoperative Fluorescein Angiography for Retinal Vascular Disease and Uveitis Alan J. Franklin, MD, PhD
9:47 am – 9:49 am	Discussion
9:49 am – 9:54 am	Use of Amaros AI/ML Powered Platform to Expedite Recruitment and Minimize Costs in Ophthalmic Clinical Trials Kent W. Small, MD
9:54 am – 9:56 am	Discussion
9:56 am - 10:01 am	Visual Acuity and Durability Outcomes of Faricimab Compared to Other Anti-Vascular Endothelial Growth Factor Agents within Routine Clinical Practice for Neovascular Age-Related Macular Degeneration Lucas W. Rowe, MD
10:01 am – 10:03 am	Discussion
10:03 am - 10:08 am	Correspondence of Macular Neovascularization on Structural Optical Coherence Tomography (OCT) and OCT Angiography Sohaib Fasih-Ahmad, MD
10:08 am – 10:02 am	Discussion
10:10 am - 10:15 am	Quantitative Assessment of Outer Retinal OCT Metrics as Predictive Biomarkers for Geographic Atrophy in Intermediate Age-Related Macular Degeneration- A 2-Year Progression Assessment Yavuz Cakir, MD
10:15 am – 10:17 am	Discussion
10:17 am - 10:22 am	Population Pharmacokinetic Modeling and Simulation of Ocular Clearance for Aflibercept 8 mg and 2 mg and Association with Durability of Effect Priya Vakharia, MD
10:22 am – 10:24 am	Discussion

Late Breakers

Chairs: Andre V. Gomes, MD, PhD; Baruch D. Kuppermann, MD, PhD

10:25 am – 10:27 am	Introduction and Pretest (1 question)
10:27 am – 10:32 am	Ripple Therapeutics Steroid Drug Delivery Clinical Trial for DME and RVO Baruch D. Kuppermann, MD, PhD
10:32 am – 10:35 am	Discussion
10:35 am – 10:40 am	Aviceda AVD 104 Clinical Trial Results for Dry AMD Robert L. Avery, MD
10:40 am – 10:43 am	Discussion

10:43 am – 10:48 am	DAVIO 2 Clinical Trial Ashkan Abbey, MD
10:48 am – 10:51 am	Discussion
10:51 am – 10:56 am	Phase 3, Multicenter, Randomized, Sham-Controlled Studies of the Efficacy and Safety of Revakinagene Taroretcel in Macular Telangiectasia Type 2 Thomas A. Albin, MD
10:56 am – 10:59 am	Discussion
10:59 am – 11:04 am	Week 52 Safety and Efficacy Data from the US Phase 1 Clinical Trial of Sustained-Release Axitinib Hydrogel Implant (OTX-TKI) for Neovascular Age-Related Macular Degeneration Dilsher S. Dhoot, MD
11:04 am – 11:07 am	Discussion
11:07 am – 11:09 am	Posttest (1 question)
Meeting Adjourns	
11:10 am – 11:15 am	Closing Remarks Baruch D. Kuppermann, MD, PhD; Kourous Rezaei, MD