

ASRS

2023



SEATTLE



**2023's Premier Meeting for
Retina Science and Innovation**

ASRS 41st Annual Scientific Meeting

SEATTLE, WASHINGTON
JULY 28 - AUGUST 1, 2023

FRIDAY, JULY 28

1:00 – 2:00 PM	International Symposium Moderators: Sunir J. Garg, MD, FACS, FASRS and Makoto Inoue, MD
1:00 PM	Macular Surgery 2023: Current and Innovative Techniques, Marcelo Zas, MD, PhD
1:08 PM	Topographic Progression of Geographic Atrophy and Visual Acuity in Korean Patients With Non-exudative AMD, Seung-Young Yu, MD
1:16 PM	Hydroxychloroquine Toxicity Among Korean Patients, Young Hee Yoon, MD, PhD
1:24 PM	Unexplained Visual Loss From Silicone Oil Tamponade, Lihteh Wu, MD
1:32 PM	Cognitive Outcomes Following Intravitreal Bevacizumab for Retinopathy of Prematurity: 8 Year Outcomes in a Prospective Cohort, Wei-Chi Wu, MD, PhD
1:40 PM	Progress in Initiatives for Internationalization by the Japanese Retina and Vitreous Society, Makoto Inoue, MD
1:48 PM	Discussion
2:00 – 2:15 PM	Break
2:15 - 3:15 PM	Sub-Specialty Review Courses Moderator: Steven Yeh, MD and Parisa Emani Naeini, MD, MPH Uveitis, Nisha Acharya, MD, MS Neuro-ophthalmic Clinical Tools in the Retina Clinic, Rod Foroozan, MD Glaucoma: News & Views for the Retina Specialist, Andrew G. Iwach, MD
3:15 - 3:30 PM	Break
3:30 – 4:45 PM	Surgical Case Conference Moderators: Carl D. Regillo, MD and Maria D. Berrocal, MD Jennifer O. Adeghate, MD

Vishal Agrawal, MD, FRCS, FACS, FASRS
Abdulaziz A. Alshamrani, MD
J. Fernando Arevalo, MD, PhD, FACS, FASRS
David Doobin, MD, PhD
Mallika Goyal, MD
Srinivas Joshi, MD, FASRS
Tahreem A. Mir, MD
Jennifer Nadelmann, MD
Zofia A. Nawrocka, MD, PhD
Veer Singh, MS, FVRS, FMRF, FICO (Retina)
Geovanni J. Rios, MD
Karen M. Wai, MD
Christina Y. Weng, MD, MBA, FASRS

4:45 – 6:00 PM

Medical Case Conference

Moderators: **Jose S. Pulido, MD, MS, MPH, MBA and Amani A. Fawzi, MD**

Sruthi Arepalli, MD
Corrina P. Azarcon, MD
Andrew J. Barkmeier, MD
Nishikant J. Borse, MS, FMRF, FASRS
Jose J. Echegaray, MD
Odette M. Houghton, MD
Jaclyn L. Kovach, MD, FASRS
Danny A. Mammo, MD
Shravan V. Savant, MD
Rehman Siddiqui, MBBS, MSc, FRCS(Ed), FRCOphth, FACS, FASRS
Thamolwan Surakiatchanukul, MD
Aristomenis Thanos, MD
Minh Trinh, MD
Angeline L. Wang, MD
Glenn C. Yiu, MD, PhD

7:00 – 10:00 PM

Opening Reception at MoPop

SATURDAY , JULY 29

6:30 – 7:00 AM **Diversity, Equity, and Inclusion All Welcome Breakfast:
A Celebration of our Diversity**

7:00 – 7:50 AM **Fellowship Directors Breakfast**

7:30 – 8:30 AM **Continental Breakfast**

8:00 – 8:05 AM Opening Comments, **J. Michael Jumper, MD, FASRS**

8:05 – 8:15 AM ASRS Conflict of Interest Policies, **Reginald J. Sanders, MD**

8:15 – 9:15 AM **Wet AMD Symposium 1**

8:15 AM Intravitreal Aflibercept 8 mg Injection in Patients With Neovascular Age-Related Macular Degeneration: 48-week Results From the Phase 3 PULSAR Trial, **Jignesh I. Patel, MD, FRCOphth**

8:21 AM Baseline Characteristics of Patients Maintaining q12 and q16 Dosing With Aflibercept 8 mg vs Patients With Shortened Treatment Intervals: Phase 3 PULSAR Post Hoc Analysis, **David R. Chow, MD, FRCS(C)**

8:25 AM Intravitreal Aflibercept 8 mg in Patients With Polypoidal Choroidal Vasculopathy: Phase 3 PULSAR Trial Subgroup Analysis, **David T. Wong, MD, FRCS(C)**

8:29 AM Subgroup Analyses From the Phase 3 PULSAR Trial of Aflibercept 8 mg in Patients With Treatment-Naïve Neovascular Age-Related Macular Degeneration, **Keyvan Koushan, MD, FRCSC**

8:33 AM Discussion

- 8:43 AM** Phase III Randomized Clinical Trial Comparing SB15 With Reference Aflibercept in Neovascular Age-Related Macular Degeneration: 56-Week Results, **Min Sagong, MD, PhD**
- 8:49 AM** Assessment of the Impact of Disease Activity Criteria on Dosing Interval Assignment in Clinical Trial Patients With nAMD, **Marco A. Zarbin, MD, PhD**
- 8:53 AM** Interim Results of the Phase 1/2 PRISM Trial Evaluating 4D-150, a Dual-Transgene Intravitreal Genetic Medicine for Neovascular (Wet) Age-Related Macular Degeneration, **Christine N. Kay, MD**
- 8:59 AM** Safety and Efficacy of CRISPR-Based Genome Editing for Neovascular AMD, **Glenn C. Yiu, MD, PhD**
- 9:05 AM** Discussion

9:15 – 9:45 AM Dry AMD Symposium 1

- 9:15 AM** The MOSAIC Study: A Clinical and Humanistic Burden of Illness Study of Patients With GA and Their Caregivers in the United States and Canada, **Sophie J. Bakri, MD**
- 9:19 AM** Improving Vision in Dry AMD: Matching Mechanism With the Right Patient Population and Stage of Disease, **Baruch D. Kupperman, MD, PhD**
- 9:25 AM** Use of Ellipsoid Zone Analysis As an Efficacy Endpoint in Clinical Trials for Geographic Atrophy, **Peter K. Kaiser, MD, FASRS**
- 9:31 AM** Modulation of Macrophages and Complement Dysfunction in Nonexudative AMD Using New Sialic Acid–Coated Nanoparticles, **Carl D. Regillo, MD**
- 9:37 AM** Discussion

9:45 – 10:25 AM Break

10:25 – 11:25 AM Diabetic Retinopathy Symposium 1

- 10:25 AM** Detection of Early Diabetic Retinopathy Using OCTA Bloodflow Analysis, **Jennifer I. Lim, MD, FARVO, FASRS**
- 10:29 AM** Retinal Nonperfusion on Widefield OCTA in Determining Diabetic Retinopathy Severity, **Kiyoung Kim, MD, PhD**
- 10:33 AM** National Cohort Study on New Oral Hypoglycemic Agents in Diabetic Retinopathy Progression, **Ehsan Rahimy, MD**
- 10:37 AM** Systemic Adverse Events in Patients With Diabetes Treated With Intravitreal Antivascular Endothelial Growth Factor Injections, **Roomasa Channa, MD**
- 10:43 AM** Discussion
- 10:54 AM** Aflibercept 8 mg for Diabetic Macular Edema: 48-Week Results of the Phase 2/3 PHOTON Trial, **Diana V. Do, MD, FASRS**
- 11:00 AM** Intravitreal Aflibercept 8 mg for Diabetic Macular Edema: Week 48 Efficacy Outcomes by Baseline Demographics in the Phase 2/3 PHOTON Trial, **Andres Emanuelli, MD**
- 11:06 AM** Impact of Initial Monthly Doses of Aflibercept on Visual Outcomes in Eyes With Diabetic Macular Edema in Routine Clinical Practice in the US, **Ferhina S. Ali, MD, MPH**
- 11:10 AM** Cost-Effectiveness of Aflibercept Monotherapy vs Bevacizumab-First Followed by Switching to Aflibercept if Needed for Diabetic Macular Edema, **Matthew W. MacCumber, MD, PhD**
- 11:14 AM** Discussion

11:25 AM – 12:35 PM Awards Ceremony

- 11:25 AM** Pyron Award Introduction, **J. Michael Jumper, MD, FASRS**

11:27 AM	Pyron Award, The Road Less Traveled, Eugene de Juan, MD
11:40 AM	Founders Award Introduction, Judy E. Kim, MD, FASRS
11:42 AM	Founders Award, AMD: We Have Come a Long Way Together, Johanna M. Seddon, MD, ScM, FARVO, FASRS
11:55 AM	Crystal Apple Award presented to Prithvi Mruthyunjaya, MD, MHS
12:00 PM	Young Investigators Award Introduction, Building the Next Generation of Datasets for AI, Philip J. Ferrone, MD, FASRS
12:02 PM	Young Investigators Award, Aaron Y. Lee, MD, MSCI
12:10 PM	Packo Award presented to Timothy G. Murray, MD, MBA, FASRS
12:20 PM	Retina Image Bank Award, Manish Nagpal, MD, FRCS (UK), FASRS
12:25 PM	Retina Hall of Fame Award

12:35 - 1:50 PM	General Lunch & Early Career Section Lunch
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1:50 – 2:45 PM	Surgery Symposium 1
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1:50 PM	Naive SubRetinal Hemorrhage in Neovascular AMD—Pneumatic Displacement, Subretinal Air, and tPA: Subretinal vs Intravitreal Aflibercept: The NATIVE Study, Matias Iglicki, MD
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1:56 PM	Intraoperative Fluorescein Angiography to Efficiently Identify Many Biomarkers and Guide Surgical Decision-Making, Alan J. Franklin, MD, PhD
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2:02 PM	Type of Vitreoretinal Anesthesia and Sources of Variation in the United States, Ahmed B. Sallam, MD PhD FRCOphth
2:06 PM	27-Gauge vs 25-Gauge Vitrectomy for Symptomatic Vitreous Opacities: Outcomes Using Infrared Video, Shawn C. Kavoussi, MD
2:10 PM	Discussion
2:22 PM	Determining Vitreoretinal Surgery Fellow Surgical Competency: Survey of Fellowship Program Directors, Kapil Mishra, MD
2:26 PM	Mastering the Retrobulbar Block: Using a New 3D-Printed Simulator for Practical Training, Brittany E. Powell, MD
2:30 PM	Comparison of Complete vs Incomplete Closure of Zone 3 Scleral Lacerations, Pedro S. Tetelbom, MD
2:34 PM	Discussion
2:45 – 3:20 PM	Imaging, Digital, Angiography Symposium
2:45 PM	Evaluation of EZ At-Risk Burden in Automatic Detection of Hydroxychloroquine Retinopathy, Katherine E. Talcott, MD
2:51 PM	Utility of En Face OCT for the Detection of Clinically Unsuspected Retinal Neovascularization in Patients with Diabetic Retinopathy, Kotaro Tsuboi, MD
2:57 PM	Utility of Outer Retinal Tubulation in Predicting Lesion Growth in Subfoveal and Nonsubfoveal Geographic Atrophy, Srinivas Sai A. Kondapalli, MD
3:01 PM	Home OCT and Artificial Intelligence in Neovascular AMD, Miguel A. Busquets, MD, FACS
3:07 PM	Discussion

3:20 – 4:00 PM	Break
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4:00 – 5:05 PM Inflammatory & Infectious Diseases Symposium

- 4:00 PM** Prospective Imaging of the Intravitreal Fluocinolone Acetonide Implant Using Fluorescein Angiography and OCT in Uveitis (PANTHER), **Sunil K. Srivastava, MD**
- 4:04 PM** New Intravitreal Anti-IL-6 Monoclonal Antibody for UME: Preliminary Results of the Phase 1 DOVETAIL Study, **Sumit Sharma, MD, FASRS**
- 4:10 PM** Outcomes and Clinical Features Predictive of Fungal Endophthalmitis, **Mark P. Breazzano, MD, FACS**
- 4:16 PM** Rates of Post Intravitreal Anti-VEGF Injection Endophthalmitis: Management Strategies and Visual Acuity Outcomes from the AAO IRIS Registry, **Alia K. Durrani, MD**
- 4:20 PM** Long-Term Visual and Surgical Outcomes in 35 Eyes With Infectious Retinitis Requiring Retinal Detachment Repair, **Sruthi Arepalli, MD**
- 4:24 PM** Visual Outcomes and Foveal Fluid Dynamics in Patients Treated With Steroid Injections for Postoperative Macular Edema, **Scott D. Walter, MD, MSc**
- 4:28 PM** Discussion
- 4:38 PM** Demographic and Socioeconomic Predictors of Visual Outcomes in Pediatric Uveitis: An IRIS Registry Study, **Akshay S. Thomas, MD, MS**
- 4:44 PM** Comparison of Originator and Biosimilar Medications for Pediatric Noninfectious Uveitis, **Nita Valikodath, MD, MS**
- 4:48 PM** Outcomes of Children With Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy, **Arjun B. Sood, MD**
- 4:54 PM** Discussion

5:05 – 6:05 PM Scientific Poster Q&A and Exhibit Hall Reception

6:05 – 7:05 PM Fellows-in-Training & Residents Reception

SUNDAY , JULY 30

7:30 – 8:30 AM

Continental Breakfast

8:00 – 9:00 AM

Wet AMD Symposium 2

8:00 AM

Subretinal Delivery of RGX-314: Gene Therapy for Neovascular Age-Related Macular Degeneration, **Ashkan M. Abbey, MD, FASRS, FFAO**

8:06 AM

Suprachoroidal Delivery of RGX-314 for Neovascular AMD: Results of the Phase II AAVIATE Study, **David S. Boyer, MD**

8:10 AM

ENVISION Trial 24-Week Data: Phase 2 Study of UBX1325, a New Senolytic Agent for Patients With Wet AMD, **Raj K. Maturi, MD**

8:16 AM

Subgroup Analyses of the Phase 1 DAVIO Trial of EYP-1901 Showing Reduced Treatment Burden in Wet Age-related Macular Degeneration, **Philip Storey, MD, MPH**

8:20 AM

Discussion

8:32 AM

Long-Term Efficacy and Safety of the Port Delivery System With Ranibizumab in Patients With nAMD: Results of the Portal 5-year Subgroup Analysis, **Jared S. Nielsen, MD, MBA**

8:36 AM

Efficacy and Safety of Biosimilar Ranibizumab-nuna and Ranibizumab-eqrn in Clinical Use by a Consortium of Retina Specialists, **Carl C. Awh, MD, FASRS**

8:40 AM

Safety and Tolerability of Suprachoroidal Injection of CLS-AX in Neovascular AMD Patients With Persistent Activity After Anti-VEGF Therapy, **Rahul N. Khurana, MD, FASRS**

8:44 AM

Accuracy and Residual Volume of Commonly Used Syringes for Intravitreal Injection and the Impact on Intraocular Pressure, **Gustavo B. Melo, MD, PhD, FASRS**

8:48 AM

Discussion

9:00 – 9:55 AM Dry AMD Symposium 2

- 9:00 AM** Treatment of Geographic Atrophy Secondary to Age-Related Macular Degeneration With Intravitreal ANX007: Results of the ARCHER Study, **Jeffrey S. Heier, MD**
- 9:06 AM** Long-Term Efficacy of Pegcetacoplan in Patients With Geographic Atrophy, **Nathan C. Steinle, MD**
- 9:12 AM** Effect of Pegcetacoplan on Photoreceptor and Retinal Pigment Epithelium Integrity in Geographic Atrophy in the Phase 3 Trials and GALE Extension Study, **Ursula M. Schmidt-Erfurth, MD**
- 9:18 AM** Retinal Tissue Preservation With Intravitreal Pegcetacoplan in Patients With Geographic Atrophy, **Sunir J. Garg, MD, FACS, FASRS**
- 9:22 AM** Discussion
- 9:32 AM** Intravitreal Avacincaptad Pegol in Geographic Atrophy: Post-Hoc Analysis of Vision Loss from the GATHER Clinical Program, **Carl Danzig, MD**
- 9:38 AM** Ellipsoid Zone Integrity Preservation and Characterization of Ellipsoid Zone Integrity Features in the GATHER 1 Phase 2/3 Study, **Justis P. Ehlers, MD, FASRS**
- 9:42 AM** Pegcetacoplan vs Avacincaptad Pegol in Patients With Geographic Atrophy: An Anchored Matching-Adjusted Indirect Comparison of the Phase 3 Trials, **Paul Hahn, MD, PhD, FASRS**
- 9:46 AM** Discussion

9:55 – 10:35 AM Break

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- 10:35 – 11:05 AM** Preferences and Trends in Retina Panel
Moderator: Paul Hahn, MD, PhD, FASRS
Panelists: Yodpong Chantarasorn, MD, J. Michael Jumper, MD, FASRS, Yoon Jeon Kim, MD, Austen N. Knapp, MD, Robert A. Mittra, MD, FASRS, Zofia A. Nawrocka, MD, PhD, John S. Pollack, MD, Thomas W. Stone, MD, Scott D. Walter, MD, MSc, FASRS

11:05 AM – 12:00 PM Practice Management/Socioeconomic Symposium

11:05 AM	Impact and Outcomes of Anti-VEGF Prior Authorization Requests: Insights From a Large Database Analysis, Saira Khanna, MD
11:11 AM 	Accuracy of Diagnosis Codes for Patients With Concurrent Geographic Atrophy and Exudative Age-Related Macular Degeneration, Jong G. Park, MD
11:15 AM	Organizing Disparate Data Within an EMR to Help Retina Surgeons Best Care for Patients, Joshua N. Steiner, MD
11:19 AM	Inflation-Adjusted Trends in Medicare Reimbursement for Retina Practice Expenses, Philip I. Niles, MD, MBA
11:23 AM	Discussion
11:34 AM	Bevacizumab-First vs Real-World Cost Outcomes for Diabetic Macular Edema: 2-Year Cost Analysis Modeled on DRCR Protocol AC Results, Dilraj S. Grewal, MD, FASRS
11:40 AM	Economic Benefit of Higher Durability Anti-VEGF Agents in the Treatment of Neovascular Macular Degeneration, Sabin Dang, MD
11:46 AM	Biosimilar Paradox: How Biosimilar Use Will Increase Patient and Healthcare Costs, Ravi Parikh, MD
11:50 AM	The Importance of Responding to RUC Survey, John T. Thompson, MD
11:52 AM	Discussion
12:00 - 1:15 PM	General Lunch & International Lunch
1:15 – 1:30 PM	Business Meeting (Members Only, no CME)
1:30 – 1:35 PM	Preferences & Trends Survey, Paul Hahn, MD, PhD, FASRS (no CME)
1:35 – 1:40 PM	Global Trends Survey, Sunir J. Garg, MD, FACS, FASRS (no CME)
1:40 – 1:45 PM	Focused Practice Designation FAQ Panel (no CME) Moderator: J. Michael Jumper, MD, FASRS Panelists: Jill F. Blim, MS, Justis P. Ehlers, MD, FASRS, Charles C. Wykoff, MD, PhD, FASRS
1:45 – 2:15 PM	Diabetic Retinopathy Symposium 2
1:45 PM	Defining a 'Strong' and 'Weak' Response to Anti-VEGF Treatment CI-DME: Retrospective Analysis of 3 DRCR Retina Network Clinical Trials, Sharon D. Solomon, MD

1:51 PM	Geographic Trends in the Recruitment of Participants of Racial and Ethnic Minorities for Diabetic Retinopathy-Related Clinical Trials, Vivienne S. Hau, MD, PhD
1:55 PM	Health Disparities in Lapses in Diabetic Retinopathy Care, Cindy X. Cai, MD
1:59 PM	Elevatum Study Design and Rationale: A Phase 4 Trial of Faricimab (VABYSMO) in Underrepresented Patients With Diabetic Macular Edema, Joseph M. Coney, MD, FASRS
2:03 PM	Discussion

2:15 – 2:55 PM	Break
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2:55 – 3:40 PM	Surgery Symposium 2 Moderators:
2:55 PM	Macular Structure Characteristics in Unilateral Idiopathic Full-Thickness Macular Hole and the Healthy Fellow Eyes, Yi-Ting Hsieh, MD
2:59 PM	Clinical Characteristics of Full-Thickness Macular Holes That Closed Without Surgery, J. Fernando Arevalo, MD, PhD, FACS, FASRS
3:03 PM	Distal Internal Limiting Membrane Flap Techniques for Macular Holes, Homayoun Tabandeh, MD, FASRS
3:07 PM	Discussion
3:17 PM	Long-Term Visual and Anatomic Outcomes of Internal Limiting Membrane Flap vs Internal Limiting Membrane Peeling for Large, Full-Thickness Macular Holes, Ankoor R. Shah, MD, FASRS
3:23 PM	Upright Positioning and Superior Internal Limiting Membrane Flap in the Surgical Repair of Idiopathic Macular Holes: Case Series, Alan R. Dayan, MD
3:27 PM	Epiretinal Proliferation in Eyes With Full-Thickness Macula Treated With the Inverted ILM Flap Technique, Jerzy Nawrocki, MD, PhD
3:31 PM	Discussion

3:40 – 4:15 PM Late Breaking Abstracts

4:15 – 5:05 PM Ocular Oncology Symposium

4:15 PM Phase 2 Trial of Belzupacap Sarotalocan (Bel-Sar, AU-011), a Targeted Therapy for Choroidal Melanoma via Suprachoroidal Administration, **Amy C. Scheffler, MD, FACS, FASRS**

4:21 PM Validated Approach to Estimating Choroidal Lesion Thickness Using 2D Ultra-Widefield Optomap Images With Implications for High-Risk Lesion Detection, **Prithvi Mruthyunjaya, MD, MHS**

4:27 PM Impact of Confirmatory Cytopathology on the Predictive Value of Gene Expression Profiling in Uveal Melanoma, **Ivana K. Kim, MD**

4:31 PM Discussion

4:40 PM OCT Evaluation of Morphologic Changes at FNAB Site After Transvitreal Approach for Melanocytic Choroidal Tumors, **Zelia M. Correa, MD, PhD**

4:46 PM Innovations in Brachytherapy: Brachytherapy Plaque Quick-Release Stitch Saves Time and Money, **Colin A. McCannel, MD**

4:50 PM Management of Complex Retinal Detachment in the Setting of Conservatively Treated Uveal Melanoma, **Timothy G. Murray, MD, MBA, FASRS**

4:56 PM Discussion

5:05 – 6:35 PM Women in Retina (WinR) Case Conference

MONDAY , JULY 31

7:30 – 8:30 AM

Continental Breakfast

8:00 – 9:10 AM

Retinal Detachment Symposium

8:00 AM

Risk of Rhegmatogenous Retinal Detachment With Proliferative Vitreoretinopathy in a Patient's Second Eye After RRD With PVR Development in the First Eye, **Emily Shepherd, MD**

8:06 AM

Extended Internal Limiting Membrane Peeling for Grade C Proliferative Vitreoretinopathy International Multicenter Study, **Yoshihiro Yonekawa, MD, FASRS**

8:12 AM

Phase 3 GUARD Trial of ADX-2191 (Methotrexate for Intravitreal Administration) to Prevent Proliferative Vitreoretinopathy and Other Postoperative Complications, **Christina J. Flaxel, MD**

8:18 AM

Short-Term PFO Tamponade in the Management of Complicated Retinal Detachment, **Ehab N. Elrayes, MD, PhD ,FASRS**

8:22 AM

New 'McGyver-Inspired' Endolaser Option for Chandelier-Assisted Scleral Buckles, **Richard B. Rosen, MD, DSc(Hon), FACS, FASRS, FARVO**

8:28 AM

Discussion

8:39 AM

Time Course of Outer Retinal Restoration After Vitrectomy for Fovea-off Rhegmatogenous Retinal Detachments, **Bryon R. McKay, MD, PhD, FRCSC**

8:43 AM

Bacillary Layer Detachment in the Pathophysiology of Secondary Macular Hole in Fovea-off Rhegmatogenous Retinal Detachment, **Isabela Martins Melo, MD**

8:49 AM

Dropless Vitrectomy Surgery for Retinal Detachment; Efficacy and Safety Compared to Standard of Care, **K. Chalam, MD, PhD, MBA, FRCS(C), FASRS**

8:55 AM

Intraretinal Silicone Oil Migration: An Under-recognized OCT Phenotype, **Carl Shen, MD**

8:59 AM	Discussion
9:10 – 9:45 AM	Surgery Symposium 3
9:10 AM	Results of Combination Pars Plana Vitrectomy and Phacoemulsification Surgery in 206 Consecutive Patients, William F. Mieler, MD
9:16 AM	Trends in Secondary Intraocular Lens Surgery Among Vitreoretinal Surgeons, Matthew Starr, MD
9:20 AM	Relay Intrasccleral 6-0 Polypropylene–Assisted Intraocular Lens Fixation: Retrospective Comparison With Modified Yamane Technique, Yodpong Chantarasorn, MD
9:24 AM	Axial Instability of the Zeiss CT Lucia 602 Intraocular Lens With Transconjunctival Intrasccleral Haptic Fixation, Yang (Alice) Zhang, MD, CM
9:30 AM	Adverse Events Associated With Dislocated Intraocular Lenses, Mohsin H. Ali, MD
9:36 AM	Discussion
9: 45 – 10:25 AM	Break
10:25 – 11:20 AM	Diabetic Retinopathy Symposium 3
10:25 AM	Four-Year Visual Outcomes in the Protocol W Randomized Trial of Intravitreal Aflibercept for Prevention of Vision-Threatening Complications of Diabetic Retinopathy, Hani Salehi-Had, MD
10:31 AM	Baseline Characteristics of Patients Who Did or Did Not Maintain 12-Week and 16-Week Aflibercept 8 mg Dosing Intervals in the Phase 2/3 PHOTON Trial, Eric W. Schneider, MD
10:35 AM	Six Monthly Intravitreal Aflibercept to Improve Macular Perfusion in Diabetic Retinopathy Without Macular Edema, Yoon Jeon Kim, MD
10:39 AM	Comparison of Snellen Visual Acuity Measurements in Retinal Clinical Practice With Electronic ETDRS Protocol Visual Acuity Assessment, Carl W. Baker, MD, FASRS

10:43 AM	Discussion
10:53 AM	Reduction in Macular Leakage With Faricimab vs Aflibercept in Patients With DME, Eric Nudleman, MD, PhD
10:57 AM	Rapid and Sustained Intraocular Suppression of Ang-2 and VEGF-A for Up to 16 Weeks With Faricimab Use for nAMD and DME, Rajeev H. Muni, MD, MSC, FRCS(C), FASRS
11:01 AM	Time to Retinal Fluid Control With Faricimab vs Aflibercept in Patients With DME in the Phase 3 YOSEMITE/RHINE Trials, Aleksandra V. Rachitskaya, MD, FASRS
11:05 AM	Early Treatment Patterns and Outcomes in Patients With Diabetic Macular Edema Treated With Faricimab: FARETINA-DME Study, Durga Borkar, MD
11:09 AM	Discussion
11:20 – 11:50 AM	Best of JVRD, Timothy G. Murray, MD, MBA, FASRS
11:50 AM – 1:05 PM	General Lunch & Women in Retina (WinR) Section Lunch
1:05 – 1:55 PM	Wet AMD Symposium 3
1:05 PM	Exudative Age-Related Macular Degeneration Events from the OAKS and DERBY Clinical Trials of Pegcetacoplan in Geographic Atrophy, Roger Goldberg, MD, MBA
1:09 PM	Pigment Epithelial Detachment Thickness and Variability to Predict Visual Outcomes in Patients With Neovascular Age-Related Macular Degeneration, David Sarraf, MD
1:15 PM	Additional Visual and Anatomic Outcomes of Intravitreal Aflibercept Injection, 8 mg vs 2 mg: Post Hoc Analysis of the Phase 2 CANDELA Study, Priya S. Vakharia, MD
1:19 PM	Discussion

- 1:30 PM** Rapid Improvement Fluid Parameters With Faricimab Use in Patients With nAMD, **Nikolas J. London, MD, FACS, FASRS**
- 1:34 PM** Early Treatment Patterns and Outcomes in Patients With Neovascular Age-Related Macular Degeneration Initiating Faricimab: The FARETINA-AMD Study, **Theodore Leng, MD, MS, FASRS**
- 1:38 PM** Real-World Efficacy and Safety of Faricimab in Neovascular Age-Related Macular Degeneration: The TRUCKEE Study, **Emmanuel Y. Chang, MD, PhD, FACS, FASRS**
- 1:44 PM** Discussion

1:55 – 2:55 PM Pediatric Symposium

- 1:55 PM** Incidence and Timing of Treatment-Requiring Retinopathy of Prematurity in Nanopremature and Micropremature Infants in the United States, **Edward H. Wood, MD**
- 2:01 PM** Retinopathy of Prematurity Outcomes of Neonates Meeting Only a Single Screening Criterion: Proposal of the TWO-ROP Algorithm, **Nimesh A. Patel, MD**
- 2:07 PM** Longitudinal Image-Based Assessment of Retinopathy of Prematurity (LONGROP) Study: Simulated Bedside Indirect Ophthalmoscopy vs Telemedicine, **Darius M. Moshfeghi, MD, FASRS**
- 2:11 PM** Quantifying Laser Burn Spots to Peripheral Avascular Retina Post-Bevacizumab Treatment in Retinopathy of Prematurity Infants at Different Age Groups, **Swati Agarwal-Sinha, MD, FASRS**
- 2:15 PM** Discussion
- 2:26 PM** Development and Evaluation of an Artificial Intelligence Algorithm for Pediatric Retinal Disease Screening Using Widefield Fundus Photography, **Lejla Vajzovic, MD, FASRS**
- 2:32 PM** Utility of Confirmatory Genetic Testing for Retinal Detachment Prophylaxis in Children With Suspected Stickler Syndrome, **Franco M. Recchia, MD**

2:36 PM Management and Surgical Outcomes of Pediatric Retinal Detachment Associated With Familial Exudative Vitreoretinopathy, **Vishal Agrawal, MD, FRCS, FACS, FASRS**

2:40 PM The Mystery of Subfoveal Nodule in Coats Disease, **Sengul Ozdek, MD, FEBO, FASRS**

2:44 PM Discussion

2:55 – 3:35 PM **Break**

3:35 – 4:25 PM **Pharmacology Symposium**

3:35 PM Intended vs Actual Intervals Between Intravitreal Anti-VEGF Injections and Assessment of Treatment Delays, **Christina Y. Weng, MD, MBA, FASRS**

3:39 PM Pooled Safety Analysis of Aflibercept 8 mg in the CANDELA, PHOTON, and PULSAR Trials, **Philip J. Ferrone, MD, FASRS**

3:45 PM Incidence of Intraocular Inflammation After Intravitreal Aflibercept Prefilled Syringe and Vial Injections in US Clinical Practice, **David M. Brown, MD**

3:49 PM Discussion

4:00 PM 12-Month Ocular Pharmacokinetic Study of EYP-1901, a Sustained-Release, Intravitreal Formulation of the Tyrosine Kinase Inhibitor Vorolanib, **Rishi R. Singh, MD**

4:04 PM ApoE-Induced Tauopathy of the Retina As a Model of Neurodegeneration, **Leo A. Kim, MD, PhD**

4:10 PM Population Pharmacokinetics and Safety of OPT-302, an Anti-VEGF-C/-D 'Trap', in Patients With Retinal Vascular Diseases, **Dante J. Pieramici, MD**

4:14 PM Discussion

4:25 – 5:05 PM Hereditary Retinal Disease & Genetics Symposium

4:25 PM Epidemiology of Inherited Retinal Diseases in the United States: IRIS Registry (Intelligent Research In Sight) Analysis, **Ahmad Al-Moujahed, MD, PhD, MPH**

4:29 PM North Carolina Macular Dystrophy (NCMD/MCDR1): Analysis of Our Entire Database, a Model Disease of Noncoding Mutations, **Kent W. Small, MD**

4:35 PM **Late Breaking Abstract (TBA)**

4:41 PM **Late Breaking Abstract (TBA)**

4:45 PM Complications of Transvitreal Subretinal Injections for Gene Therapy Vectors in Inherited Retinal Diseases, **Chloe T. Khoo, MD**

4:51 PM Discussion

5:05 – 5:15 PM Poster and Film Awards

7:00 – 10:00 PM Gala at Chihuly Garden and Glass

TUESDAY , AUGUST 1

7:30 – 8:30 AM Continental Breakfast

8:30 – 9:10 AM Surgery Symposium 4

8:30 AM Postoperative Anatomic and Visual Outcomes Comparing Internal Limiting Membrane Flap vs Peel in the Closure of Full-Thickness Macular Holes, **Sally S. Ong, MD**

8:34 AM When Gas Is Not an Option: Fibrin Glue–Assisted Surgery for Idiopathic Macular Holes, **Mudit Tyagi, MS, FASRS**

8:40 AM Fovea-Sparing Internal Limiting Membrane Ring-Peeling Technique to Enhance Continuity of ILM Peeling in Myopic Foveoschisis Surgery, **Peiquan Zhao, MD**

8:46 AM Visual, Anatomic Outcomes, and Natural History of Retinal Nerve Fiber Layer Schisis in Patients Undergoing Epiretinal Membrane Surgery, **Danny A. Mammo, MD**

8:52 AM Results of Vitrectomy for Symptomatic Lamellar Macular Holes, Macular Pseudoholes, and Epiretinal Membrane With Foveoschisis, **John T. Thompson, MD**

8:56 AM Discussion

9:10 – 9:40 AM Surgical Management: dilemma, options, solutions,
Moderator: **Gaurav K. Shah, MD**
Panelists: **Sruthi Arepalli, MD, Frank Brodie, MD, MBA, Prithvi Muryanjana, MD, MHS, Thanos Papakostas, MD, Joel Pearlman, MD, PhD**

9:40 – 10:10 AM Diabetic Retinopathy Symposium 4

9:40 AM ZETA-1 Phase 2 Trial Efficacy Results for APX3330: a Novel, Oral Ref-1 Inhibitor for the Treatment of Diabetic Retinopathy, **David R. Lally, MD**

9:46 AM ZETA-1 Phase 2 Trial Safety and Tolerability Results for APX3330: a New Oral Ref-1 Inhibitor for the Treatment of Diabetic Retinopathy, **Daniel Su, MD**

9:50 AM Suprachoroidal Delivery of RGX-314 Gene Therapy for Diabetic Retinopathy: The Phase II ALTITUDE Study, **Dilsher S. Dhoot, MD**

9:56 AM Progression to Pars Plana Vitrectomy After Monotherapy With Panretinal Photocoagulation or Anti-VEGF injections in Proliferative Diabetic Retinopathy, **Karen M. Wai, MD**

10:00 AM Discussion

10:10 – 10:40 AM **Dry AMD Panel**

Accreditation Statement and CME Credit

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