Meeting At A Glance
July 26-30, 2019
American Society of Retina Specialists
37th Annual Scientific Meeting
Chicago IL
### FRIDAY, JULY 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:00-5:15 PM</td>
<td>Instructional Courses</td>
</tr>
</tbody>
</table>
| 1:00-2:15 PM  | Online and Social Media Content for Continuing Education and Marketing for the Retina Specialist, Jayanth Sridhar, MD  
Faculty: David R.P. Almeida, MD, MBA, PhD; Sunir J. Garg, MD; Julia A. Haller, MD; Ajay E. Kuriyan, MD, MS |
| 1:00-2:15 PM  | Intricacies of Complex Vitreoretinal Surgeries, S. Natarajan, MD     |
| 1:00-2:15 PM  | Retinal Gene Therapy: Genetic Testing, Viral Vectors, Surgical Delivery, and Clinical Trials, Christine Kay, MD  
Faculty: Benjamin Bakall, MD, PhD; Janet L. Davis, MD; Ninel Z. Gregori, MD; Kimberly E. Stepien, MD |
| 2:30-3:45 PM  | Challenge the Masters, Gabiela Lopezcarasa Hernandez, MD             |
| 2:30-3:45 PM  | Vitreoretinal Surgical Rounds: The Duke Approach, Dilraj S. Grewal, MD  
Faculty: Sharon Fekrat, MD, FACS; Glenn J. Jaffe, MD; Amol D. Kulkarni, MD; Darius M. Moshfeghi, MD; Adrienne W. Scott, MD; Cynthia Ann Toth, MD; Lejla Vajzovic, MD; Lihteh Wu, MD |
| 2:30-3:45 PM  | Uveitis Management From the Retinal Specialist's Perspective, Ashvini K. Reddy, MD and Arthi Venkat, MD |
| 4:00-5:15 PM  | Code Red in VR Surgeries, Aniruddha Maiti, MBBS, DO, DNB, FRVS, FICO  
Faculty: Rupak Kanti Biswas, DO, DNB, FMRF; Subhendu Kumar Boral, MBBS, MD(AIMS), DNB (OPHTHALMOLOGY); Pravin U. Dugel, MD; Darmesh K. Kar, MD; Aditya S. Kelkar, MS, DNB, FRCS; Aniruddha Dinkar Mahindrakar, MS Ophthalmology; Navneet Mehrutra, DNB; Krishnendu Nandi, MS |
| 4:00-5:15 PM  | The History of Retinal Surgery: Standing on the Shoulders of Giants, Kirk H. Packo, MD, FACS |
| 4:00-5:15 PM  | Business of Retina Course, Tushar M. Ranchod, MD and Ankooor R. Shah, MD |
| 7:00-10:00 PM | Welcome Reception                                                      |
SATURDAY, JULY 27

7:15-8:15 AM  Continental Breakfast

8:00-8:10 AM  Opening Comments, Carl C. Awh, MD

8:10-9:20 AM  AMD Non-neovascular Symposium

8:10 AM  Evaluation of Baseline Characteristics on Lesion Progression in a Large Phase 2 Clinical Trial for Geographic Atrophy (FILLY Study), Eleonora Lad, MD, PhD

8:16 AM  Surgical Implantation of a Biosynthetic RPE Monolayer for Advanced Dry Age-Related Macular Degeneration (AMD): Experience From a Phase 1/2A Study, Amir H. Kashani, MD, PhD

8:22 AM  Prophylaxis Intravitreal Aflibercept Against Conversion to Neovascular Age-Related Macular Degeneration in High Risk Eyes (PRO-CON): 24-Month Results, Jeffrey S. Heier, MD

8:28 AM  Safety and Efficacy of Risuteganib in Intermediate Nonexudative Age-Related Macular Degeneration: First Time Results From a Phase 2 Study, Peter K. Kaiser, MD

8:34 AM  Discussion

8:49 AM  Mitochondria-Targeted Drug Elamipretide for Treatment of Vision Loss in Dry AMD With Noncentral Geographic Atrophy: Results of Phase 1 RECLAIM Study, Scott W. Cousins, MD

8:53 AM  Elamipretide, a Mitochondrial-Targeted Drug, for the Treatment of Vision Loss in Dry AMD with High Risk Drusen: Results of the Phase 1 ReCLAIM Study, Michael J. Allingham, MD, PhD

8:57 AM  Frequency of Age-Related Macular Degeneration Risk Alleles Y402H and A69S in a Direct-to-Consumer Genetic Database, Theodore Leng, MD, MS

9:01 AM  Associations Between Perifoveal Drusen Burden and Genetic Risk in Eyes With Early or Intermediate Age-Related Macular Degeneration, Johanna M. Seddon, MD, ScM

9:07 AM  Discussion

9:20-10:10 AM  AMD Neovascular Part I Symposium

9:20 AM  Identifying Features on Fundus Photos, OCT, or Fluorescein Angiography to Diagnose Polypoidal Choroidal Vasculopathy Without ICG Angiography, Jun Kong, MD, PhD

9:26 AM  EVEREST II Study: Evaluation of Indocyanine Green Angiographic Features in Symptomatic Macular Polypoidal Choroidal Vasculopathy Over 24 Months, Colin S. Tan, MBBS, MMed (Ophth), FRCSEd (Ophth)

9:30 AM  Dual Targeting VEGF/Ang2 Surrobody in an Experimental Model of Neovascularization, Jeffrey L. Olson, MD

9:34 AM  Extended Q16W Dosing Potential for Faricimab in Neovascular Age-Related Macular Degeneration (nAMD): STAIRWAY Phase 2 Trial, Philip J. Ferrone, MD

9:40 AM  96-Week Visual and Expanded Anatomical Outcomes of Brolucizumab Versus Aflibercept in Patients With nAMD: Results From HAWK and HARRIER, Chirag D. Jhaveri, MD
9:46 AM  Time to Dry Analysis of Brolucizumab Versus Aflibercept in Patients With Neovascular AMD: 96-Week Data From HAWK and HARRIER Trials, Carl D. Regillo, MD, FACS

9:52 AM  Discussion

10:00-10:05 AM  Break

10:10-10:55 AM  AMD Neovascular Part II Symposium

10:55 AM  Silicone Droplets are Released by Syringes and Found in the Vitreous, Gustavo Barreto de Melo, MD, PhD

10:59 AM  Differences in Intravitreal Silicone Oil Following Multiple Bevacizumab, Ranibizumab, and Aflibercept Injections, John T. Thompson, MD

11:05 AM  What Do the HARBOR Data Reveal About the Relationship Between the Drying of Subretinal and Intraretinal Fluid and Associated Vision Outcomes?, Nancy M. Holekamp, MD

11:09 AM  Higher-Order Optical Coherence Tomography Fluid Burden Assessment: Analysis From the OSPREY Trial, Justis P. Ehlers, MD

11:13 AM  Biweekly Anti-VEGF Dosing for Chronic Refractory Neovascular Age-Related Macular Degeneration Unresponsive to Standard Monthly Dosing, Eric W. Schneider, MD

11:17 AM  Open-Label Study Evaluating the Effects of the CCR3 Antagonist ALK4290 in Patients With Neovascular AMD Refractory to Anti-VEGF Therapy, Michael W. Stewart, MD

11:21 AM  Discussion

11:36 AM  FIDO Study: 10-Year Outcomes of Eyes Receiving Continuous, Fixed-Interval Dosing of Anti-VEGF Agents for Neovascular Age-Related Macular Degeneration, Ivan J. Suner, MD, MBA

11:42 AM  Geographic Atrophy in the Canadian Treat and Extend Trial With Ranibizumab in nAMD Patients: CANTREAT Study 24-Month Results, Peter J. Kertes, MD, FRCS(C)

11:48 AM  First Results From a Phase 1B Multiple-Dose Study of KSI-301: A Novel Anti-VEGF Antibody Biopolymer Conjugate (ABC) With Extended Durability, Pravin U. Dugel, MD

11:52 AM  Port Delivery System With Ranibizumab (PDS): Key Outcomes From the Ladder Phase 2 Trial That Supported Archway Phase 3 Study Design in nAMD, Arshad M. Khanani, MD

11:58 PM  Interaction of Genotypes and AREDS Formulation Use in the Development of Neovascular AMD, Pradeepa Yoganathan, MD, FRCS(C)

12:04 PM  The Average Patient Does Not Enter Your Office: What Can We Learn About Treating nAMD From Individual Patient Responses, David S. Boyer, MD

12:08 PM  Discussion

12:25-12:45 PM  AMD Take-Home Panel

12:45-2:05 PM  General Lunch & Women in Retina (WinR) Section Lunch

Saturday, July 27
### 2:05-2:40 PM  
**Imaging, Digital, Angiography Symposium**

- **2:05 PM** Classification and Guidelines for Widefield Imaging: Recommendations From the International Widefield Imaging Study Group, **Netan Choudhry, MD, FRCS(C)**
- **2:09 PM** Rapid Array Capture Technology for Fundus Imaging, **Tushar M. Ranchod, MD**
- **2:13 PM** Longitudinal Panretinal Leakage Index Assessment in Proliferative Diabetic Retinopathy Treated With Afibercept From the RECOVERY Study, **Amy S. Babich, MD**
- **2:17 PM** Longitudinal Ellipsoid Zone Mapping on Spectral Domain OCT in Eyes With Hydroxychloroquine Use to Evaluate for Subclinical Outer Retinal Alterations, **Katherine E. Talcott, MD**
- **2:21 PM** Performance and Usability of a Self-Operated Home Optical Coherence Tomography (OCT) System: NOTAL-OCT V2.5 (NO V2.5), **Judy E. Kim, MD**
- **2:25 PM** Discussion

### 2:40-2:55 PM  
**Imaging, Digital, Angiography Take-Home Panel**

### 2:55-3:20 PM  
**Surgical Techniques and Maneuvers Symposium**

- **2:55 PM** IOL Angulation and Corneal Aberrometry in Patients With IOL Fixation Versus Akreos and Gore-Tex IOL Suture, **Virgilio Morales-Canton, MD**
- **2:59 PM** Optimization of the Port Delivery System With Ranibizumab (PDS) Implant Insertion Procedure in the LADDER Phase 2 Trial, **Mark R. Wieland, MD**
- **3:05 PM** A Biocompatible Basal Membrane to Restore Age-Related Macular Degeneration Photoreceptor Damage, **Stanislao Rizzo, MD**
- **3:11 PM** Discussion

### 3:20-4:35 PM  
**Surgical Case Conference**

Presenters:
- Harry W. Flynn, MD
- Aditya S. Kelkar, MS, DNB, FRCS
- Ajay E. Kuriyan, MD, MS
- Colin McCannel, MD
- Zofia Michalewska, MD, PhD
- Prithvi Mruthyunjaya, MD, MHS
- Parisa Emami Naeini, MD, MPH
- Aleksandra V. Rachitskaya, MD
- Rajarami P. Reddy, MD, FRCS
- Geovanni Jassiel Rios, MD
- Jayanth Sridhar, MD
- Christina Y. Weng, MD, MBA

### 4:35-5:35 PM  
**Scientific Poster Q&A and Exhibit Hall Reception**

### 5:35-7:05 PM  
**Fellows-in-Training (FIT) Section Reception**
### Sunday, July 28

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<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>7:15-8:15 AM</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00-8:26 AM</td>
<td>Retinal Vascular Disease Symposium</td>
<td>Macular and Peripapillary Retinal Perfusion Changes During Migraine With Aura Detected by Optical Coherence Tomography Angiography, Alexander Barash, MD</td>
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<tr>
<td>8:04 AM</td>
<td>Vision Threatening Complications in Patients With Diabetic Macular Edema: A Post Hoc Analysis of the VISTA and ViVID Trials, Diana V. Do, MD</td>
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<td>8:12 AM</td>
<td>Identification of Retinal Vascular Lesions Using Ultra-widefield Angiography in Hereditary Hemorrhagic Telangiectasia Patients, Rajendra S. Apte, MD, PhD</td>
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<td>8:16 AM</td>
<td>Discussion</td>
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<tr>
<td>8:26-8:40 AM</td>
<td>Retinal Vascular Disease Take-Home Panel</td>
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<tr>
<td>8:40-9:40 AM</td>
<td>Macular Surgery Symposium</td>
<td>Inverted Internal Limiting Membrane Flap Peeling Technique for Large Macular Holes: 12-Month Results, Francesco Boscia, MD</td>
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<td>8:44 AM</td>
<td>A Novel Intraop Overlay Guided Enlargement of Area of ILM Peeled Versus Inverted Flap Technique: A Comparative Long-Term Study in Large Macular Holes, Subhendu Kumar Boral, MBBS, MD(AIIMS), DNB (OPHTHALMOLOGY)</td>
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<td>8:48 AM</td>
<td>Comparative Study of Peeled Internal Limiting Membrane (ILM) Reposition and ILM Peeling in Idiopathic Macular Hole: A Randomized Control Trial, Peiquan Zhao, MD</td>
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<td>8:52 AM</td>
<td>Vitrectomy With the Inverted ILM Flap Technique in Eyes With Full Thickness Macular Hole Coexisting With Age-Related Macular Degeneration, Zofia Michalewska, MD, PhD</td>
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<td>8:56 AM</td>
<td>Pilot Study for a New Technique to Close Challenging Macular Holes, Robert Andrew Sisk, MD, FACS</td>
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<td>9:00 AM</td>
<td>Discussion</td>
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<td>9:10 AM</td>
<td>Covering Macular Hole With Human Amniotic Membrane Promotes More Pronounced Wound Healing Response Compared to Retinal Autografts, Tongalp H. Tezel, MD</td>
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<td>9:14 AM</td>
<td>Segmentation Measurements and Disorganization of the Retinal Inner Layers on OCT as Preoperative Indicators of Visual Outcome Following ERM Peeling, Mathew W. MacCumber, MD, PhD</td>
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<td>9:18 AM</td>
<td>Ectopic Inner Foveal Layers Classification Scheme Predicts Visual Outcomes After Epiretinal Membrane Surgery, Gerardo Gonzalez-Saldivar, MD</td>
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9:22 AM Epiretinal Membrane Removal in an Argus II Implanted Eye: Histological Characteristics and Functional Results, Fabio Patelli, MD

9:26 AM Stuffing of Optic Pit With ILM Flap Follow Up Results, Jerzy Nawrocki, MD, PhD

9:30 AM Discussion

9:40-9:55 AM Macular Surgery Take-Home Panel

9:55-10:40 AM Break

10:40-10:55 AM Socioeconomic/Practice Management Symposium
10:40 AM Process Mapping and Activity Based Costing of the Intravitreal Injection Procedure, Christina Y. Weng, MD, MBA
10:46 AM Retina PractiCare 2.0 - Benchmarking Your Practice Health, John T. Thompson, MD
10:48 AM Discussion

10:55 AM AAO President’s Address: Retinal Reflections, George A. Williams, MD

11:02 AM ASRS President’s Address, John S. Pollack, MD

11:10 AM The Future of Retina: Opportunities and Challenges

11:30 AM-12:50 PM Awards Ceremony
11:30 AM Pyron Award
11:55 AM Founders Award
12:20 PM ASRS Service Award
12:30 PM Early Career Section (ECS), Crystal Apple Award
12:35 PM ASRS Presidents’ Retina Young Investigators Award
12:45 PM Retina Image Bank, Image of the Year Award

12:50-2:10 PM General Lunch & Early Career Section (ECS) Lunch

2:10 PM Business Meeting

2:30 PM PAT Survey

2:35 PM Global Trends

2:40-3:55 PM Instructional Courses
2:40-3:55 PM Wellness for the Retina Physician: Building Resilience, Improving Ergonomics, Practicing Mindfulness, and Avoiding Burnout, Jennifer I. Lim, MD Faculty: Janice C. Law, MD; Alice T. Lyon, MD; Camille V. Palma, MD
2:40-3:55 PM Pediatric Vitreoretinal Surgical Techniques: An Interactive Video Panel, Lejla Vajzovic, MD Faculty: Audina M. Berrocal, MD; Mary Elizabeth Hartnett, MD; G. Baker Hubbard, MD; Maria A. Martinez-Castellanos, MD; Eric Nudleman, MD, PhD; Michael T. Trese, MD
2:40-3:55 PM  Vitreoretinal Surgical Techniques (How Do I Do It?): 3D Video Panel, Ehab N. El-Rayes, MD, PhD  
Faculty: Jose Garcia Arumi, MD, PhD; Maria H. Berrocal, MD; Carl Claes, MD; Kazuaki Kadonosono, MD; Kirk H. Packo, MD, FACS; Christopher D. Riemann, MD; Kourous A. Rezaei, MD; Stanislao Rizzo, MD

2:40-3:55 PM  OCTA Angiography in Clinical Practice, Sophie J. Bakri, MD  
Faculty: Caroline Baumal, MD; Amir H. Kashani, MD, PhD; David Sarraf, MD

3:55-4:35 PM  Break

4:35-5:50 PM  Instructional Courses
4:35-5:50 PM  How to Best Implement 3DHD DAVS Into Your Operating Suite, Alan J. Franklin, MD, PhD  
Faculty: Christopher D. Riemann, MD

4:35-5:50 PM  The Winning Pitch Challenge: The Retina Version of ‘Shark Tank’ Without the Bite, John S. Pollack, MD  
Faculty: David F. Williams, MD, MBA

4:35-5:50 PM  Approaches to Secondary Intraocular Lens Placement, Ajay E. Kuriyan, MD, MS  
Faculty: Ashkan M. Abbey, MD; Audina M. Berrocal, MD; Harry W. Flynn, MD; Omesh P. Gupta, MD; M. Ali Khan, MD; Jayanth Sridhar, MD

4:35-5:50 PM  Clinical Trials “Unplugged”: Real, Practical Questions and Answers, Pravin U. Dugel, MD and Geoffrey G. Emerson, MD, PhD  
Faculty: Sophie J. Bakri, MD; Jeffrey S. Heier, MD; Judy E. Kim, MD; Jennifer I. Lim, MD; Timothy G. Murray, MD, MBA; Kirk H. Packo, MD, FACS; Christina Y. Weng, MD, MBA; Charles C. Wykoff, MD, PhD

7:00-11:00 PM  Gala
MONDAY, JULY 29

7:00-8:00 AM  International Members and Delegates Breakfast

7:15-8:15 AM  Continental Breakfast

8:00-9:00 AM  Pediatric Retina, ROP Symposium
8:00 AM Inner Retinal Fenestration for Pediatric Optic Disc Pit Maculopathy, Nicole K. Scripsema, MD
8:04 AM Surgical Outcomes of FEVR Associated Retinal Detachment in 66 Eyes: A Comparative Study, Ekta Rishi, MD, FRCS
8:10 AM Long-Term Lens Clarity After Lens-Sparing Vitrectomy for Persistent Fetal Vasculature Syndrome, Irina De la Huerta, MD, PhD
8:14 AM Macular Microvascular Findings in Familial Exudative Vitreoretinopathy on OCT Angiography, Lejla Vajzovic, MD
8:18 AM Macular Hole Related Retinal Detachment in Children With Knobloch Syndrome, Sulaiman M. Al Sulaiman, MD
8:22 AM Discussion

8:32 AM Cutis Marmorata Telangiectatica Congenita (CMTC): The Spectrum of Ocular Manifestations, Cagri G. Besirli, MD, PhD
8:36 AM Economic Impact of the Use of Anti-VEGF Monotherapy or in Combination With Panretinal Photocoagulation in the Treatment of Retinopathy of Prematurity, Swati Agarwal-Sinha, MD
8:40 AM Gene Therapy in Pediatric Retina Patients at the Bascom Palmer Eye Institute: What I Have Learned, Audina M. Berrocal, MD
8:46 AM The Good, the Bad, and the Best of Wnt Signaling, Michael T. Trese, MD
8:50 AM Discussion

9:00-9:15 AM  Pediatric Retina, ROP Take-Home Panel

9:15-10:05 AM  Ocular Oncology Symposium
9:15 AM OCT and Autofluorescence of Peripapillary Versus Macular Variants of Combined Hamartoma of the Retina and Retinal Pigment Epithelium, J. Fernando Arevalo, MD, PhD, FACS
9:19 AM Microvascular Features of Treated Retinoblastoma Tumors in Children Assessed Using Optical Coherence Tomography Angiography, Akshay S. Thomas, MD, MS
9:27 AM Uveal Metastasis Based on Timing of Primary Cancer Diagnosis: Interval to Metastasis and Overall Survival in 1111 Patients, R. Joel Welch, MD
9:31 AM Multiplex Ligation Probe Amplification (MLPA) Assay for Metastatic Prognosis in Uveal Melanoma: Results of A Multi-Center International Collaboration, Tara A. McCannel, MD, PhD
9:35 AM Two-Year Results of an Ongoing Phase 1b/2 Open-Label Clinical Trial of AU-011 for the Primary Treatment of Small to Medium Choroidal Melanoma, Amy C. Scheffler, MD

9:41 AM Microincisional Vitrectomy Surgery in Tumor Bearing Eyes: Indications, Clinical Pearls, and Outcomes, Timothy G. Murray, MD, MBA

9:47 AM Discussion

10:05-10:20 AM Ocular Oncology Take-Home Panel

10:20-11:00 AM Break

11:00 AM-12:00 PM Diabetic Retinopathy Part I Symposium

11:00 AM What Happens to Diabetic Retinopathy Severity Scores With Less Aggressive Treatment? A Post Hoc Analysis of the RISE and RIDE Open Label Extension Study, Roger A. Goldberg, MD, MBA

11:04 AM Sustained Diabetic Retinopathy Severity Improvement With Intravitreal Aflibercept in Diabetic Macular Edema: Post Hoc Analysis of VISTA and VIVID, Rishi P. Singh, MD

11:10 AM Suprachoroidal CLS-TA Plus Aflibercept Compared With Aflibercept Monotherapy for Diabetic Macular Edema (DME): Results of a Phase 2 Trial, Michael S. Ip, MD

11:16 AM Randomized Trial of Initiating Therapy With Aflibercept, Laser, or Observation for Eyes With Good Vision and Center-Involved Diabetic Macular Edema, Jennifer K. Sun, MD

11:22 AM Treatment of Moderately Severe to Severe Nonproliferative Diabetic Retinopathy With Intravitreal Aflibercept Injection: 52-Week Results From PANORAMA, W. Lloyd Clark, MD

11:28 AM Discussion

11:38 AM Quantification of Capillary Nonperfusion in Diabetic Retinopathy Using Ultra-widefield Optical Coherence Tomography Angiography, Kasra Rezaei, MD

11:42 AM Widefield Fluorescein Angiographic-Guided Aflibercept (WFFAGA) Monotherapy for Proliferative Diabetic Retinopathy (PDR), Dennis M. Marcus, MD

11:46 AM Intravitreal Aflibercept for Retinal Nonperfusion in Proliferative Diabetic Retinopathy; One-Year Primary Outcomes From the Randomized RECOVERY Trial, Charles C. Wykoff, MD, PhD

11:52 AM Discussion

12:00-12:15 PM Diabetic Retinopathy Take-Home Panel

12:15-12:15 PM Retinal Detachment Symposium

12:15 PM Real-World Evidence for Pneumatic Retinopexy in Patients With Primary Rhegmatogenous Retinal Detachment Meeting PIVOT Trial Criteria, Verena Juncal, MD

12:19 PM Fovea-Sparing Rhegmatogenous Retinal Detachments: Impact of Clinical Factors Including Time to Surgery on Visual and Anatomic Outcomes, James C. Major, MD, PhD, FACS

12:23 PM Development of a Novel Retinal Tamponade Agent to Replace Fluorinatated Gas and Silicone Oil, James A. Stefater, MD, PhD
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<th>Time</th>
<th>Session Title</th>
<th>Faculty/Participants</th>
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<tr>
<td>10:00 AM</td>
<td>Myopic Traction Maculopathy: New Classification in Stages and Management Guidelines, <strong>Barbara Parolini</strong>, MD</td>
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<tr>
<td>10:35 AM</td>
<td>Vitreous Hyper Reflective Foci Are Predictive of Peripheral Retinal and Macular Pathology in the Setting of Acute Posterior Vitreous Detachment, <strong>Bozho Todorich</strong>, MD, PhD</td>
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<td>11:30 AM</td>
<td>Discussion</td>
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**12:45-1:00 PM** Retinal Detachment Take-Home Panel

**1:00-2:20 PM** General Lunch & Fellowship Directors' Lunch

**2:20-3:35 PM** Instructional Courses

**2:20-3:35 PM** Controversies in Vitreo-retinal Diseases Management: Tell It Like It Is, **Malhar Soni**, MD, MS, DNB, FRCS Faculty: **Robert L. Avery**, MD; **Maria H. Berrocal**, MD; **Abdhish R. Bhavsar**, MD; **Ehab N. El-Rayes**, MD, PhD; **Kazuaki Kadonosono**, MD; **John S. Pollack**, MD

**2:20-3:35 PM** Secrets of PDR (Proliferative Diabetic Retinopathy) Surgeries, **Darmesh K. Kar**, MD Faculty: **Subhendu Kumar Boral**, MBBS, MD(AIIMS), DNB (OPHTHALMOLOGY); **Jonathan S. Chang**, MD; **Suber S. Huang**, MD, MBA; **Srinivas Joshi**, MD; **Nikoloz Labauri**, MD, FVRS; **Aniruddha Dinkar Mahindrakar**, MS Ophthalmology; **Aniruddha Maiti**, MBBS, DO, DNB, FRVS, FICO; **S. Natarajan**, MD; **Nitin Govind Prabhudesai**, MBBS

**2:20-3:35 PM** How to Succeed in Different Practice Environments: From Academia to Private Practice, **Audina M. Berrocal**, MD Faculty: **Jaclyn L. Kovach**, MD; **Geeta A. Lalwani**, MD; **Lisa C. Olmos de Koo**, MD, MBA; **Aleksandra V. Rachitskaya**, MD; **Ashvini K. Reddy**, MD; **Lejla Vajzovic**, MD; **Stephanie L. Vanderveldt**, MD; **Christina Y. Weng**, MD, MBA; **Yang (Alice) Zhang**, MD, CM

**2:20-3:35 PM** Retinaws: When the Going Gets Tough, the Tough Get Going – Challenging Cases in Vitreoretinal Surgery, **Kourous A. Rezaei**, MD Faculty: **Maria H. Berrocal**, MD; **John W. Kitchens**, MD; **André Maia**, MD, PhD; **Kirk H. Packo**, MD, FACS; **Ehab N. El-Rayes**, MD, PhD; **Stanimiao Rizzo**, MD; **Khalid K. Sabti**, MD, FRCSC; **Homayoun Tabandeh**, MD

**3:35-4:35 PM** Scientific Poster Q&A and Exhibit Hall Reception

**4:45-6:15 PM** WinR Case Conference
TUESDAY, JULY 30

7:15-8:15 AM  Continental Breakfast

**CONCURRENT SESSIONS 1**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00-11:00 AM</td>
<td>Live Surgery Symposium</td>
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<tr>
<td></td>
<td>Carl C. Awh, MD, Program Chair and Kouroos A. Rezaei, MD, Moderator</td>
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<td>Surgeons: Ernesto Bali, MD; Steven Charles, MD; Pravin Dugel, MD; Stanislao Rizzo, MD</td>
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<td>Moderators: Maria Berrocal, MD; J. Michael Jumper, MD; Grazia Pertile, MD</td>
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<td>Panelists: Thomas Aaberg, Jr., MD; Audina Berrocal, MD; David Chow, MD, FRCS(C); Carl Claes, MD; Kimberly Drenser, MD; Geoffrey Emerson, MD, PhD; Tarek Hassan, MD; Jennifer Lim, MD; Andre Maia, MD, PhD; Virgilio Morales-Canton, MD; Timothy Murray, MD, MBA; Barbara Parolini, MD; Fabio Patelli, MD; Gaurav Shah, MD; Rishi Singh, MD; Lejla Vajzovic, MD; Christina Weng, MD, MBA; Charlie Wykoff, MD, PhD</td>
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<td>11:00-11:45 AM</td>
<td>Break</td>
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<td>11:45 AM-12:25 PM</td>
<td>Diabetic Retinopathy Part II Symposium</td>
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<tr>
<td>11:45 AM</td>
<td>Patients Ultra-Responsive to Ranibizumab (RBZ): Rates of ≥4-Step Improvement in Diabetic Retinopathy Severity in DRCR.net Protocol S, Allen Chiang, MD</td>
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<tr>
<td>11:51 AM</td>
<td>Diabetic Retinopathy Progression in the Absence of Therapy: An Analysis of Untreated Fellow Eyes in RIDE and RISE, Sophie J. Bakri, MD</td>
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<tr>
<td>11:57 AM</td>
<td>Simultaneous Inhibition of Ang-2 and VEGF-A With Faricimab in DME: Additional Anatomical and Durability Outcomes From the BOULEVARD Phase 2 Trial, Vrinda S. Hershberger, MD, PhD</td>
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<td>12:03 PM</td>
<td>Biomarkers and Predictors for Functional and Anatomical Outcomes for Small Gauge Pars Plana Vitrectomy and Peeling of the ILM in Naive DME, Matias Iglicki, MD</td>
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<tr>
<td>12:09 PM</td>
<td>Anti-VEGF Injections and Risk of Traction Retinal Detachments in Eyes With Proliferative Diabetic Retinopathy: Pooled Analysis of 5 DRCR.net Trials, Hani Salehi-Had, MD</td>
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<tr>
<td>12:13 PM</td>
<td>Discussion</td>
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<tr>
<td>12:25-12:40 PM</td>
<td>Diabetic Retinopathy Take-Home Panel</td>
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<tr>
<td>12:55-1:35 PM</td>
<td>Late Breakers</td>
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<tr>
<td>1:35-2:15 PM</td>
<td>Panel Discussion: The Last Word</td>
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<tr>
<td>2:15-2:20 PM</td>
<td>Closing Remarks</td>
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8:00-9:30 AM  Medical Case Conference
Presenters:
J. Fernando Arevalo, MD, PhD, FACS
Evan M. Berger, MD, MS
Michael Colucciello, MD
Jose J. Echegaray, MD
Mrinali Gupta, MD
Dong Yoon Kim, MD
Jaclyn L. Kovach, MD
Tara A. McCannel, MD, PhD
Bobeck S. Modjtahedi, MD
Kirk H. Packo, MD, FACS
Ayala Pollack, MD
Vishal R. Raval, MBBS, DNB, FMRF
Raafay Sophie, MD
Karthik Srinivasan, MS, MHCDS
Lauren M. Wright, MD

9:30-10:00 AM  Hereditary Retinal Disease & Genetics Symposium
9:30 AM  Association of Cognitive Function With Amyloid-β and Tau Proteins in the Vitreous Humor, Lauren M. Wright, MD
9:36 AM  Novel Autosomal Dominant Disease Associated to EFEMP1 Gene Mutation With Choroidal Calcification, Peripheral Hypopigmentation, and Ocular Hypertension, Linda A. Cernichiaro-Espinosa, MD
9:42 AM  Optical Coherence Tomography Angiography in Patients With Cystoid Macular Edema Associated With Retinitis Pigmentosa, Young Hee Yoon, MD, PhD
9:46 AM  Is the Choroid Driving the Development of Cystoid Macular Edema in Eyes With Retinitis Pigmentosa?, David Sarraf, MD
9:50 AM  Discussion

10:00-10:15 AM  Hereditary Retinal Disease & Genetics Take-Home Panel

10:15-11:00 AM Instrumentation and Devices Take-Home Panel

10:15-11:15 AM  Inflammatory and Infectious Diseases Symposium
10:15 AM  Real-World Rates of Suspected Endophthalmitis Following Anti-VEGF and Steroid Intravitreal Injections in the United States, Dilsher S. Dhoot, MD
10:19 AM  Vitreoretinal Findings in a Large Cohort of Ebola Survivors, Duncan E. Berry, MD
10:23 AM  Best Corrected Visual Acuity at 36 Months in Study of Fluocinolone Acetonide Intravitreal (FAI) Insert for Noninfectious Posterior Uveitis (NIPU), Sumit Sharma, MD
10:27 AM  Cumulative Recurrences With the Fluocinolone Acetonide Intravitreal (FAI) Insert for Noninfectious Posterior Uveitis (NIPU): 36-Month Results, David Callanan, MD
10:31 AM  Suprachoroidal CLS-TA Improves Patient Outcomes in Uveitis of All Anatomic Subtypes: Results of the Phase 3 PEACHTREE Study, Christopher R. Henry, MD
10:35 AM  Suprachoroidally Injected CLS-TA in Uveitis Maintains Efficacy Outcomes Through 48 Weeks: Results of the MAGNOLIA Phase 3 Extension Study, Pauline T. Merrill, MD
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>10:39 AM</td>
<td>Toxic Posterior Segment Syndrome: Clinical Characteristics of 48 Eyes, Ashkan M. Abbey, MD</td>
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<td>10:45 AM</td>
<td>Expanded Clinical Spectrum of Pentosan Polysulfate Sodium Associated Maculopathy, Nieraj Jain, MD</td>
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<tr>
<td>10:49 AM</td>
<td>Discussion</td>
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<tr>
<td>11:00-11:15 AM</td>
<td>Inflammatory and Infectious Diseases Take-Take-Home Panel</td>
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<tr>
<td>11:15-11:45 AM</td>
<td>Break</td>
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<tr>
<td>11:45 AM-12:40 PM</td>
<td>Instrumentation and Devices Symposium</td>
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<tr>
<td>11:45 AM</td>
<td>Comparative Assessment of Surgical Outcomes for ERM Peeling Using Intraoperative OCT Guided Membrane Removal Versus Complete ILM/ERM Peeling, Arjun B. Sood, MD</td>
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<td>11:49 AM</td>
<td>Patient Comfort and Antimicrobial Efficacy of Aqueous Chlorhexidine Versus Povidone Iodine as Disinfectant Prior to Bilateral Intravitreal Injections, Ferhina S. Ali, MD, MPH</td>
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<tr>
<td>11:53 AM</td>
<td>What Are the Keys to Maximizing Visual Performance on a 3D Digital Assisted Vitrectomy System? David R. Chow, MD, FRCS(C)</td>
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<td>11:57 AM</td>
<td>Thermal Sensor Camera Integrated With the Argus II Retinal Prosthesis System Improves Recognition of Heat Emitting Objects, Sandra Rocio R. Montezuma, MD</td>
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<td>12:01 PM</td>
<td>Discussion</td>
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<td>12:12 PM</td>
<td>Clinical Experience With the SCS Microinjector™ for Suprachoroidal Injections by Ophthalmologists, Milan Shah, MD</td>
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<td>12:16 PM</td>
<td>Flow Dynamics of 10K Beveled-tip and 7.5K Flat-tip Vitreous Cutters, Makoto Inoue, MD</td>
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<td>12:20 PM</td>
<td>Computer Assisted Visual Rehabilitation in Retinal Prosthesis Recipients, Aleksandra V. Rachitskaya, MD</td>
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<td>12:24 PM</td>
<td>The Impact of Gauge Size, Surgical Volume, and Cutter Probe Design on Surgical Efficiency, Sunil Srivastava, MD</td>
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<td>12:28 PM</td>
<td>Discussion</td>
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<tr>
<td>12:40-12:55 PM</td>
<td>Instrumentation and Devices Take-Home Panel</td>
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