



Meeting At A Glance
August 11 — 15

**American Society of
Retina Specialists**
35th Annual Meeting
Boston, Massachusetts

EVENT LOCATIONS

Instructional Courses

<i>Friday, August 11</i>	Rooms 302, 304/306, and 312 Level 3
<i>Sunday, August 13</i>	Hall D, Level 2 and Rooms 304/306 and 312 Level 3
<i>Monday, August 14</i>	Hall D, Level 2 and Rooms 304/306 and 312 Level 3
Welcome Reception <i>Friday, Aug. 11, 7 PM</i>	Boston Public Library, McKim Building, 700 Boylston Street
Fellowship Directors' Section Lunch <i>Saturday, Aug. 12, 12:10-1:25 PM</i>	Room 206, Level 2
Fellows-in-Training (FIT) Section Lunch <i>Saturday, Aug. 12, 12:10-1:25 PM</i>	Room 210, Level 2
Retina Case Conference <i>Saturday, Aug. 12, 3:00-5:30 PM</i>	Hall D, Level 2
Early Career Section Lunch <i>Sunday, Aug. 13, 11:50 AM-1:05 PM</i>	Room 210, Level 2
ASRS International Members & Early Career Section Reception <i>Sunday, August 13, 6:15-7:15 PM</i>	Hall Outside of Room 200
Women in Retina (WinR) Lunch <i>Monday, Aug. 14, 11:40 AM-12:55 PM</i>	Room 210, Level 2
Women in Retina (WinR) Case Conference <i>Monday, Aug. 14, 6:00-8:00 PM</i>	Room 206, Level 2
Gala Dinner <i>Tuesday, Aug. 15, 6:30 PM</i>	Boston Park Plaza

ONGOING FRIDAY, AUGUST 11 - TUESDAY, AUGUST 15

Speaker-Ready Room	Meeting Room 207, Level 2
Continental Breakfasts & Breaks	Hall C/Auditorium, Level 2
General Sessions	Hall D, Level 2
Lunches	Hall C, Level 2
Posters	Auditorium, Level 2
PAT Survey Posters	Auditorium, Level 2
Exhibits	Hall C, Level 2
Paper on Demand (POD) Kiosks	Pre-function Hall D, Level 2
3D Video Kiosk	Auditorium, Level 2
Film Festival Theater	Auditorium, Level 2
Viewing/Charging Stations	Hall C/Auditorium, Level 2

FRIDAY, AUGUST 11

1:00-6:00 PM Instructional Courses

1:00-2:30 PM
Room 302
Uveitis for the Retina Specialist: What Do I Do Now?,
Sumit Sharma, MD
Faculty: **Dilraj S. Grewal, MD; Phoebe Lin, MD, PhD;**
Sunil Srivastava, MD

1:00-2:30 PM
Room 312
Retinal Gene Therapy: Clinical and Surgical Overview,
Christine Kay, MD
Faculty: **Benjamin Bakall, MD, PhD; Janet L. Davis, MD;**
Ninel Z. Gregori, MD; Elliott H. Sohn, MD

1:00-2:30 PM
Room 304/306
Challenge the Masters, **Calvin Mein, MD** and
Paul E. Tornambe, MD

2:45-4:15 PM
Room 302
X-Files—One Case, One Pearl,
P. Mahesh Shanmugam, MBBS, DO, FRCSEd, PhD, FAICO
Faculty: **Pramod S. Bhende, MBBS, MS;**
Kim Ramasamy, MBBS, DO, DNB;
Sandeep Randhawa, MD; Chetan Rao, MS

2:45-4:15 PM
Room 304/306
Newer Advances in Vitreoretinal Surgeries:
Tools and Techniques, **S. Natarajan, MD**
Faculty: **Alay S. Banker, MD**

2:45-4:15 PM
Room 312
Pediatric Vitreoretinal Surgical Techniques:
An Interactive Video Panel, **Lejla Vajzovic, MD**
Faculty: **Caroline Baumal, MD; Michael T. Trese, MD;**
Sengul Ozdek, MD; Emmanuel Chang, MD, PhD, FACS

4:30-6:00 PM
Room 312
Controversies in Vitreoretinal Diseases Management,
Malhar Soni, MD, MS, DNB, FRCS
Faculty: **Ron A. Adelman, MD, MPH, MBA;**
Robert L. Avery, MD; Abdhish R. Bhavsar, MD;
Ehab N. El-Rayes, MD, PhD; Kazuaki Kadonosono, MD;
Marco Mura, MD; Sunil Srivastava, MD

4:30-6:00 PM
Room 304/306
Duke Vitreoretinal Surgical Rounds, **Dilraj Grewal, MD**
Faculty: **David R. Chow, MD, FRCS(C); Dean Elliott, MD;**
Tarek S. Hassan, MD; Miguel Materin, MD;
Amy C. Scheffler, MD; Thomas W. Stone, MD;
Lejla Vajzovic, MD

4:30-6:00 PM
Room 302
Code Red VR-War of Vitreoretinal Worlds,
Chirag Dilip Bhatt, DOMS, DNB, FRF and
Jay Chhablani, MD
Faculty: **Alay S. Banker, MD;**
Subhendu Kumar Boral, MBBS, MD(AIIMS),
DNB(OPHTHALMOLOGY);
Carl Claes, MD; Pravin U. Dugel, MD;
Aniruddha Maiti, MBBS DO DNB FRVS FICO;
Hemanth Murthy, MBBS, MD;
Manish Nagpal, MD, FRCS (UK)
Raja Narayanan, MD, MBA; Mudit Tyagi, MS

7:00 PM
McKim Building
700 Boylston Street
Welcome Reception
Boston Public Library

SATURDAY, AUGUST 12

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

8:00-8:10 AM **Welcome, John S. Pollack, MD and Mark S. Humayun, MD, PhD**

8:10-9:10 AM **AMD 1 Symposium**
Moderators: **Neil M. Bressler, MD and Pravin U. Dugel, MD**

8:10 Human Plasma Metabolomics in Age-Related Macular Degeneration Using Nuclear Magnetic Resonance Spectroscopy, **Joan Miller, MD**

8:18 Reduced Risk of Choroidal Neovascularization Following Subthreshold Diode Micropulse Laser (SDM) Retinal Protective Therapy™ (RPT) for Dry AMD, **Jeffrey Luttrull, MD**

8:26 Discussion

8:30 Optical Coherence Tomography Features Preceding the Onset of Advanced Age-Related Macular Degeneration, **Johanna Seddon, MD, ScM**

8:38 OCT Angiography (OCTA) and Exudative Age-Related Macular Degeneration (ARMD): Diagnosis, Treatment, and Correlation to IVFA and ICG Videoimaging, **Mark Nelson, MD, MBA**

8:46 Discussion

8:50 RGX-314 Gene Therapy Subretinal Delivery for the Treatment of Neovascular Age-Related Macular Degeneration (nAMD), **Jeffrey Heier, MD**

8:58 Intraoperative Four-Dimensional Microscope-Integrated Optical Coherence Tomography (4D MIOCT) Guidance in Subretinal Surgery and Therapy Delivery, **Lejla Vajzovic, MD**

9:06 Discussion

9:10-9:40 AM **Navigating the Gray Area: Medical Retina**
Moderator: **Timothy Murray, MD, MBA**
Panelists: **Robert L. Avery, MD; Carl W. Baker, MD; David M. Brown, MD; Jay S. Duker, MD; and Michael A. Singer, MD**

9:40-10:20 AM **Break**

10:20-11:00 AM **Macular Holes Symposium**
Moderators: **Vincent S. Hau, MD, PhD and Malhar Soni, DO, MS, DNB, FRCS**

10:20 Pneumatic Vitreolysis for Treatment of Symptomatic Vitreomacular Traction With or Without Stage-2 Macular Hole, **Calvin Mein, MD**

10:25 Pneumatic Vitreolysis for VMT: A Comparison of Intravitreal Injections of C3F8 Versus SF6 Versus Air, **Nathan Steinle, MD**

10:30 Pneumatic Vitreolysis in Cases of Symptomatic Vitreomacular Traction With or Without Macular Holes, **Jorge Arroyo, MD, MPH**

10:35 Discussion

10:40 Macular Buckling for Myopic Traction Maculopathy (MTM), **Nikoloz Labauri, MD, FVRS**

10:48 Creation of a Paracentral Retinotomy to Facilitate a Closure of a Large Resistant Macular Hole, **Michael Tsipursky, MD**

10:56 Discussion

11:00-11:30 AM	Macular Holes Expert Panel Moderator: Raymond Iezzi, MD, MS
11:00	Incidence of and Risk Factors for Developing Idiopathic Macular Hole Among a Diverse Group of Patients Throughout the United States, Jay Stewart, MD
11:03	Comparative Study of Inverted ILM Flap Versus Conventional Technique in Idiopathic Large Macular Holes: Anatomical and Visual Outcomes, Naresh Kannan, MS, FNB, MBA
11:06	Macular Holes in Diabetic Patients Treated With Inverted ILM Flap, Jerzy Nawrocki, MD, PhD
11:09	Discussion
11:30 AM-12:10 PM	Macular Pucker Symposium Moderators: Geoffrey G. Emerson, MD, PhD and Judy E. Kim, MD
11:30 AM	Vision Preference Value Scale and Patient Preferences in Choosing Therapy for Symptomatic Vitreomacular Interface Abnormality, Adrienne Scott, MD
11:38	A New Dye Based on Anthocyanins From Açai Fruit (<i>Euterpe oleracea</i>) for Chromovitrectomy in Human Eyes: A Phase I Trial, Mauricio Maia, MD, PhD
11:46	Final Visual Acuity Versus Amount Visual Acuity of Improvement: Epiretinal Membrane Surgery, Colin McCannel, MD
11:54	Should Epiretinal Membranes Be Removed Before Vision Drops Below 20/40?, George Par, MD
12:02	Discussion
12:10-1:25 PM	General Lunch, Fellows-in-Training (FIT) Section Lunch and Fellowship Directors' Section Lunch (no CME)
1:25-2:15 PM	Pediatric Symposium Moderators: Philip J. Ferrone, MD and Michael T. Trese, MD
1:25	Optical Coherence Tomography Angiography in Retinopathy of Prematurity, J. Campbell, MD, MPH
1:33	Comparison of Ultrasound Biomicroscopy and Scleral Trans-Illumination for the Determination of the Location for Intravitreal Injection and Sclerotomy, Wai-Ching Lam, MD, FRCS(C)
1:41	Discussion
1:45	Surprises in Surgical Treatment of Persistent Fetal Vasculature With Emphasis on Retinal Complications, Sengul Ozdek, MD
1:53	Outcome of Vitreoretinal Surgery for Complications of X-Linked Juvenile Retinoschisis, Parveen Sen, MBBS, MS
2:01	Potential Safety Concerns of Bevacizumab for Retinopathy of Prematurity, Robert Avery, MD
2:09	Discussion
2:15-3:00 PM	Break

3:00-4:15 PM**Medical Case Conference**

Moderators: Jose S. Pulido, MD, MS, MPH, MBA and David Sarraf, MD

Presenters:

Xuejing Chen, MD, MS

Courtney Crawford, MD, FACS

Nicholas Farber, MD

Avni Finn, MD, MBA

Mahesh Gopalakrishnan, MS, DO, DNB, FRCS

Ivana Kim, MD

Jaclyn Kovach, MD

Jaya Kumar, MD

Sandeep Randhawa, MD

Sumit Sharma, MD

Nathan Steinle, MD

Mudit Tyagi, MS

Arthi Venkat, MD

Jiong Yan, MD

Yoshihiro Yonekawa, MD

4:15-5:30 PM**Surgical Case Conference**

Moderators: Kirk H. Packo, MD, FACS and Gaurav K. Shah, MD

Panelists: Sunir J. Garg, MD; Paul Hahn, MD; Linda A. Lam, MD, MBA; Jerzy Nawrocki, MD; Marcio B. Nehemy, MD, PhD; Dante J. Pieramici, MD

Presenters:

Guruprasad Ayachit, MBBS, MS

Aman Chandra, FRCOphth, PhD, MFSTEd, FRCSEd

Jonathan Chang, MD

Jay Chhablani, MD

Vaidehi Dedania, MD

Dilraj Grewal, MD

Srinivas Joshi, MD

Lee Kiang, MD, PhD

Min Kim, MD

Kamal Kishore, MD, MBBS

Ilya Leskov, MD, PhD

Sean Platt, MD

Aleksandra Rachitskaya, MD

Akshay Thomas, MD, MS

Lejla Vajzovic, MD

SUNDAY, AUGUST 13

7:30-8:30 AM Continental Breakfast

8:00-9:00 AM	Ocular Oncology Symposium Moderators: Tara A. McCannel, MD, PhD and Jerry A. Shields, MD
8:00	Gene Expression Profile (GEP) Classification and Its Relationship to Traditional Clinical Funduscopy and Ultrasound Features in Uveal Melanoma, Amy Scheffler, MD
8:08	Correlation of Cytogenetic Abnormalities With Clinical Features of Uveal Melanoma in 1059 Patients, Carol Shields, MD
8:16	Discussion
8:20	Targeted Uveal Melanoma Therapy: Extended Follow Up of Radiotherapy Sparing Surgical Ablation for Small Choroidal Melanoma, Timothy Murray, MD, MBA
8:28	Long-Term Follow Up of a 24-Month Study of Ranibizumab for the Prevention of Radiation Vasculopathy, Ivana Kim, MD
8:33	Discussion
8:40	Mythbusters: Does Vitrectomy at Time of Brachytherapy in Choroidal Melanoma Influence Survival?, Tara McCannel, MD, PhD
8:45	Expanding Clinical Spectrum of Ocular Melanocytomas, Jerry Shields, MD
8:53	Discussion

9:00-9:30 AM	Inflammatory & Infectious Diseases Symposium Moderators: Jaclyn Kovach, MD and Pauline T. Merrill, MD
9:00	Adalimumab in Noninfectious Uveitis of Idiopathic Etiology—Efficacy Across Different Anatomical Locations the VISUAL I and VISUAL II Trials, Pauline Merrill, MD
9:05	The SAKURA Study: Corticosteroid Tapering Success With Every-Other-Month Intravitreal Sirolimus for Noninfectious Uveitis of the Posterior Segment, Alay Banker, MD
9:10	Discussion
9:15	An Aseptic Protocol to Reduce the Risk of Endophthalmitis Following Intravitreal Injection, Joshua Levinson, MD
9:20	Clinical Course and One-Year Outcome on Wide-Field Fluorescein Angiography Abnormalities in Susac's Syndrome, Sumit Sharma, MD
9:25	Discussion

9:30-10:00 AM	Nonproliferative Diabetic Retinopathy 1 Moderators: Nancy M. Holekamp, MD and Carl D. Regillo, MD, FACS
9:30	Persistent Macular Thickening After Ranibizumab Treatment for Diabetic Macular Edema With Vision Impairment, Lee Jampol, MD
9:38	Persistent Macular Thickening Following Intravitreal Aflibercept, Bevacizumab, or Ranibizumab for Center-Involved DME With Vision Impairment, John Wells, MD, FACS
9:46	"Real-World" Outcomes for Anti-VEGF Therapy of Diabetic Macular Edema in the United States, Thomas Ciulla, MD, MBA
9:54	Discussion
10:00-10:45 AM	Break
10:45-11:50 AM	Awards Ceremony Moderators: Mark S. Humayun, MD, PhD and John S. Pollack, MD
10:45	Pyron Award Introduction, Mark S. Humayun, MD, PhD
10:50	Pyron Award, Considerations of Gene Therapy for Retinal Dystrophies, Paul A. Sieving, MD, PhD
11:10	Discussion
11:15	Founders Award Introduction, John S. Pollack, MD
11:20	Founders Award, Promoting Surgical Innovation: Insights from Macular Hole Surgery, John T. Thompson, MD
11:40	Discussion
11:45	Early Career Section (ECS), Crystal Apple Award Presentation to James Folk, MD and Lawrence Yannuzzi, MD
11:50 AM-1:05 PM	General Lunch and Early Career Section (ECS) Lunch (no CME)
1:05-1:50 PM	Nonproliferative Diabetic Retinopathy 2 Moderators: Alay S. Banker, MD and Charles C. Wykoff, MD, PhD
1:05	Improvement or Worsening in Diabetic Retinopathy Through 2 Years in a Randomized Clinical Trial Comparing Aflibercept, Bevacizumab, and Ranibizumab, Susan Bressler, MD
1:13	Inhibition of Diabetic Retinopathy Progression by 0.2 ug/day Fluocinolone Acetonide Implants: A Fellow-Eye Controlled Analysis, Raymond Iezzi, MD, MS
1:21	Discussion
1:27	Long-Term Visual Acuity Response in Early Nonresponders Treated With 0.2ug/day Fluocinolone Acetonide Implants in FAME Study, Daniel Roth, MD
1:32	Baseline Macular Perfusion Impact on Visual and Anatomic Outcomes During DME Management: Analysis of the VISTA Phase 3 Study, Charles Wykoff, MD, PhD
1:40	Slurry Kenalog®: A Lower Cost, Quick and Easy Alternative for Long-Term Intraocular Steroid Delivery, Susan Malinowski, MD
1:45	Discussion

1:50-2:30 PM	Innovation in Retina Panel Moderator: John S. Pollack, MD Panelists: Carl C. Awh, MD; Emmett T. Cunningham, PhD, MPH; Eugene de Juan, MD; William J. Link, PhD; Jim Mazzo; Samir C. Patel, MD; Edwin H. Ryan, MD; Aron Shapiro; David F. Williams, MD, MBA
2:30-3:10 PM	Break
3:10-5:10 PM	Instructional Courses
<i>General Session</i>	The Winning Pitch Challenge, John S. Pollack, MD and David F. Williams, MD, MBA (no CME) Judges: Matthew Chapin; Emmett T. Cunningham, PhD, MPH; Eugene de Juan, MD; William J. Link, PhD; William Voss Finalists: TBD
<i>Room 304/306</i>	Pneumatic Retinopexy: A Two Step-Operation To Repair Retinal Detachments Without Conjunctival Incision. A Tribute to George Hilton, MD and W. Sandy Grizzard, MD, Paul Tornambe, MD Faculty: Daniel A. Brinton, MD; Thomas R. Friberg, MD; Charles M. Gremillion, MD; Mark E. Hammer, MD; Kirk H. Packo, MD, FACS; David L. Yarian, MD
<i>Room 312</i>	Hands-On Introduction to Argus II Retinal Prosthesis Implantation, Ninel Gregori, MD Faculty: Paul Hahn, MD, PhD; Mark S. Humayun, MD, PhD; Gibran S. Khurshid, MBBS, FACS, FRCS(Ed); Lisa C. Olmos de Koo, MD, MBA; Aleksandra V. Rachitskaya, MD; Lejla Vajzovic, MD; Alex Yuan, MD, PhD
5:15-6:15 PM	Scientific Posters Q&A and Reception (no CME)
6:15-7:15 PM	ASRS Early Career Section & International Members Reception

MONDAY, AUGUST 14

7:30-8:30 AM Continental Breakfast

8:00-9:25 AM	AMD 2 Symposium Moderators: Peter K. Kaiser, MD and Joan W. Miller, MD
8:00	Impact of Delayed Time to Treatment on Visual Outcomes in the HARBOR Trial, Roger Goldberg, MD, MBA
8:08	Silicone Oil Droplets Are More Common in Fluid From BD Insulin Syringes As Compared To Other Syringes, Geoffrey Emerson, MD, PhD
8:13	Presumed Silicone Oil Droplets in the Vitreous Cavity After Intravitreal Bevacizumab Injection With Insulin Syringes, Rahul Khurana, MD
8:18	Discussion
8:25	Prognostic Value of Subretinal Hyperreflective Material in Neovascular Age-Related Macular Degeneration Treated With Bevacizumab, Russell Pokroy, MD
8:33	Correlation of Subretinal Hyperreflective Material Morphology and Visual Acuity in Neovascular AMD, Jaya Kumar, MD
8:41	Discussion
8:45	Sirolimus in Conjunction With Aflibercept vs Aflibercept Monotherapy for the Treatment of Chronic Exudative AMD, Raj Maturi, MD
8:53	A Phase 2 Study (EMERGE) Evaluating Repeated Intravitreal Administration of ICON-1 in Patients With Choroidal Neovascularization (CNV) Secondary to Age-Related Macular Degeneration (AMD), Christine Gonzales, MD
9:01	A Phase 1/2a Study of Intravitreal OPT-302, A Novel VEGF-C/D Inhibitor, Alone or in Combination With Ranibizumab in Patients With Wet AMD, Pravin Dugel, MD
9:06	Discussion
9:10	RAPTR: ERG/EOG Study in AMD Patients Treated With Ranibizumab, Abdhis Bhavsar, MD
9:15	Outcomes in Patients With Neovascular Age-Related Macular Degeneration Based on Dosing Subgroups in the Second Year of the VIEW 1 and VIEW 2 Studies, Anthony Joseph, MD
9:20	Discussion

9:25-10:05 AM Break

10:05-10:35 AM	Imaging Expert Panel Moderator: Sophie J. Bakri, MD
10:05	Projection-Resolved Optical Coherence Tomography Angiography in Healthy and Diabetic Retinopathy Eyes, David Huang, MD, PhD
10:08	Ultra-Widefield OCTA for Evaluation of Diabetic Retinopathy, Kasra Rezaei, MD
10:11	Normalized OCT Angiography Perfusion Mapping of Diabetic Retinopathy for Evaluation of Extent and Significance of Nonperfusion, Richard Rosen, MD, DSc(Hon)
10:14	Impact of Multiple Enface Image Averaging on Quantitative Assessment From Optical Coherence Tomography Angiography Images, Srinivas Sadda, MD
10:17	Discussion
10:35-11:10 AM	Retinal Detachment Symposium Moderators: Ehab N. El-Rayes, MD, PhD and Kourous A. Rezaei, MD
10:35	Early Versus Delayed Vitrectomy for Nondiabetic Vitreous Hemorrhage, Daniel Connors, MD
10:40	Randomized Trial Comparing Pneumatic Retinopexy vs. Vitrectomy in the Management of Primary Rhegmatogenous Retinal Detachment (PIVOT): 1-Year Results, Rajeev Muni, MD, MSC, FRCS(C)
10:48	Discussion
10:55	A Novel Contrast Sensitivity Testing Device as a New Measure of Visual Recovery in Retinal Detachment, John Miller, MD
11:00	Testosterone Supplementation and Associations With Central Serous Chorioretinopathy, Vaidehi Dedania, MD
11:05	Discussion
11:10-11:40 AM	Navigating the Gray Area: Surgical Retina Moderator: Tarek S. Hassan, MD Panelists: Kevin J. Blinder, MD; Carl Claes, MD; Dean Elliott, MD; Andre V. Gomes, MD, PhD; J. Michael Jumper, MD
11:40 AM-12:55 PM	General Lunch & Women in Retina (WinR) Section Lunch (no CME)
12:55	Business Meeting—ASRS Members Only (no CME)
1:15	PAT Survey Presentation, Thomas W. Stone, MD
1:20	Global Trends in Retina, Gaurav K. Shah, MD
1:25	Retina PractiCare: National Coding Patterns for Retina Specialists, John Thompson, MD
1:30-2:00 PM	Governmental Healthcare Regulations: Making Silk Out of Sows' Ears Moderator: John T. Thompson, MD Panelists: David M. Brown, MD; Pravin U. Dugel, MD; Rebecca Hancock; Reginald J. Sanders, MD; George A. Williams, MD

2:00-2:10 PM	Awards Ceremony
2:00	ASRS Presidents' Retina Young Investigators Award Introduction, Tarek Hassan, MD
2:02	ASRS Presidents' Retina Young Investigators Award, An OCT-Based System for Assessing the Risk of Developing Late AMD, Srinivas R. Sadda, MD
2:15-3:45 PM	Instructional Courses
<i>General Session</i>	Clinical Trials "Unplugged": Real, Practical Questions and Answers, Pravin U. Dugel, MD and Jeffrey S. Heier, MD Faculty: David S. Boyer, MD; David M. Brown, MD; Geoffrey G. Emerson, MD, PhD; J. Michael Jumper, MD; Peter K. Kaiser, MD; Judy E. Kim, MD; Jennifer I. Lim, MD; Quan Dong Nguyen, MD, MSc; John T. Thompson, MD
<i>Room 304/306</i>	Vitreoretinal Surgical Techniques: (How Do I Do It?) 3D Video Panel, Ehab El-Rayes, MD, PhD Faculty: Carl C. Awh, MD; Carl Claes, MD; Mark S. Humayun, MD, PhD; Makoto Inoue, MD; Tarek S. Hassan, MD; Kazuaki Kadonosono, MD; Marco Mura, MD; Kirk H. Packo, MD, FACS; Kourous A. Rezaei, MD; Michael T. Trese, MD
<i>Room 312</i>	OCT Angiography in Clinical Practice, Sophie Bakri, MD Faculty: Jay S. Duker, MD; Peter K. Kaiser, MD; Amir H Kashani, MD PhD; Richard B. Rosen, MD, DSc(Hon); David Sarraf, MD; Srinivas Reddy Sadda, MD; Sunil Srivastava, MD
3:45-4:25 PM	Break
4:25-5:55 PM	Instructional Courses
<i>General Session</i>	Retinaws: When the Going Gets Tough, the Tough Get Going: Challenging Cases in Vitreoretinal Surgery, Kourous Rezaei, MD Faculty: Carl Claes, MD; Ehab N. El-Rayes, MD, PhD; Ratimir Lazic, MD, PhD; Marco Mura, MD; Kirk H. Packo, MD, FACS; Carl D. Regillo, MD, FACS; Homayoun Tabandeh, MD; Sjakon G Tahija, MD
<i>Room 312</i>	Intraocular Lens Fixation for the Vitreoretinal Surgeon: Techniques, Tools, and Tips (Lecture + Laboratory), Yannek Leiderman, MD, PhD Faculty: Omesh P. Gupta, MD, MBA; Jason Hsu, MD; Jeremy D. Wolfe, MD, MS
<i>Room 304/306</i>	Future Therapies in the Management of Blinding Retinal Disease, Suber Huang, MD, MBA Faculty: Jay S. Duker, MD; Mark S. Humayun, MD, PhD; Christine Kay, MD; Amir H Kashani, MD PhD; Albert M. Maguire, MD; Steven D. Schwartz, MD
6:00-8:00 PM	WinR Case Conference (no CME)

TUESDAY, AUGUST 15

7:30-8:30 AM Continental Breakfast

8:00-8:40 AM Hereditary Retinal Disease & Genetics Symposium

Moderators: **Jennifer I. Lim, MD** and **Anat Loewenstein, MD**

- 8:00 Year 4 Results for a Phase 1 Trial of Voretigene Neparvovec in Biallelic RPE65-Mediated Inherited Retinal Disease, **Albert Maguire, MD**
- 8:08 Phase 2 Tolerability and Effects of ALK-001 in Stargardt Disease ("TEASE" Trial): An Update, **Christine Kay, MD**
- 8:16 Reactivation of Dormant Cones in Retinitis Pigmentosa (RP), **Henry Kaplan, MD**
- 8:24 The Role of Wide-Field Fluorescein Angiography in the Imaging of Patients in the Inherited Retinal Diseases Clinic, **Cynthia Qian, MD**
- 8:32 Discussion

8:40-9:10 AM Stem Cell Therapy: The Good, the Bad, and the Ugly

Moderator: **Mark S. Humayun, MD, PhD**
Panelists: **Thomas A. Albini, MD; Wiley Chambers, MD; Stephen Rose, MD; Paul Sieving, MD**

9:10-9:50 AM Break

9:50-11:10 AM Retinal Vascular Symposium

Moderators: **David S. Boyer, MD** and **Rishi P. Singh, MD**

- 9:50 Ranibizumab Improves Vision in Patients With Myopic Choroidal Neovascularization (mCNV): Results From the Phase III RADIANCE Trial, **Paul Hahn, MD, PhD**
- 9:58 Peripheral and Macular Retinal Vascular Dynamics in DME and RVO Following Aflibercept Therapy: The PERMEATE Study 6-Month Results, **Justis Ehlers, MD**
- 10:06 Dexamethasone Intravitreal Implant vs Ranibizumab vs Combination for Central Retinal Vein Occlusion (ORION), **Victor Gonzalez, MD**
- 10:14 Role of Pre-Operative Anti-VEGF During Vitrectomy for Vitreous Hemorrhage in Relation to Post-operative Nonclearing Vitreous Hemorrhage and Cystoid Macular Edema, **Manish Nagpal, MD, FRCS (UK)**
- 10:22 Discussion
- 10:30 En Face OCT and OCT Angiography to Assess the Spectrum of Perivenular Ischemia and Paracentral Acute Middle Maculopathy in Retinal Vein Occlusion, **David Sarraf, MD**
- 10:38 Disorganization of the Retinal Inner Layers as a Predictor of Visual Acuity in Eyes With Macular Edema Secondary to Vein Occlusion, **Ori Segal, MD**
- 10:46 Ranibizumab With or Without Verteporfin Photodynamic Therapy for Polypoidal Choroidal Vasculopathy: 12-Month Results of EVEREST II, **Colin Tan, MBBS, MMed (Ophth), FRCSEd (Ophth)**
- 10:54 Types of Strokes Seen in Patients Receiving Intravitreal Anti-VEGF Injections: A Case-Control Study, **Sophie Bakri, MD**
- 11:02 Discussion

11:10 AM-12:00 PM	Instrumentation & Devices Symposium Moderators: David R. Chow, MD, FRCS(C) and Colin A. McCannel, MD
11:10	Intraocular Telescopic System IOL-VIP for Advanced Maculopathies, Fabio Patelli, MD
11:18	One-Year Safety and Visual Function Outcomes in the Argus II Post-Approval Study, Alex Yuan, MD, PhD
11:26	Discussion
11:30	Augmented Reality Video Microscope (ARVM) Visualization During Retina Surgery, Adiel Barak, MD
11:38	Digital Assisted Vitreoretinal Surgery Enhances Surgical Management of Retinal Disease, Marco Mura, MD
11:46	Advances in Endoillumination, David Chow, MD, FRCS(C)
11:54	Discussion
12:00-1:15 PM	Lunch
1:15-1:35 PM	Surgical Techniques & Maneuvers Symposium Moderators: Yannek I. Leiderman, MD, PhD and Lisa C. Olmos de Koo, MD, MBA
1:15	Structural Analysis and Long-Term Surgical Outcomes of the Sutureless Intrascleral Fixation of Secondary Intraocular Lenses in Human Eyes, Bozho Todorich, MD, PhD
1:23	Posterior Lens Subluxation Managed With Pars Plana Vitrectomy and Scleral Suture or Intrascleral Haptic Fixation of Sulcus Intraocular Lenses, Edmund Wong, MBBS, MMed, FRCS, FAMS
1:31	Discussion
1:35-2:05 PM	Dislocated IOL Expert Panel Moderator: Yannek I. Leiderman, MD, PhD
1:35	Sutureless Trocar-Cannula Based Transconjunctival Flanged Intrascleral Intraocular Lens Fixation, Mark Walsh, MD, PhD
1:38	Combined Pars Plana Vitrectomy and Scleral Fixation of an Intraocular Lens Using Gore-Tex Suture: One-Year Outcomes and Comparison to ACIOL Placement, M. Ali Khan, MD
1:41	A Simple, Safe and Reproducible Surgical Technique for Intrascleral Fixation of IOL Haptics Using Scleral Belt Loops at a Preset Depth, Kamal Kishore, MD, MBBS
1:44	Longer-Term Outcomes of a Novel Surgical Approach for IOL Fixation Using Gore-Tex Suture, Dimosthenis Mantopoulos, MD
1:47	Discussion
2:05-2:45 PM	Break

2:45-4:25 PM	Proliferative Diabetic Retinopathy Moderators: Caroline Bauman, MD and Jeffrey S. Heier, MD
2:45	Baseline Deep Capillary Plexus Loss Is Associated With the Long-Term Recovery of Photoreceptor Integrity After Treatment of Diabetic Macular Edema, Young Hee Yoon, MD
2:53	Prevention of Macular Edema in Patients With Diabetic Retinopathy Undergoing Cataract Surgery With Intravitreal Aflibercept Injection – PROMISE Study, Rishi Singh, MD
3:01	A Novel Injection Technique for Dexamethasone Intravitreal Implant: (An Unfunded Investigator Sponsored Trial), Michael Singer, MD
3:09	Discussion
3:15	Factors Associated With Worsening Proliferative Diabetic Retinopathy in Eyes Treated With Panretinal Photocoagulation or Ranibizumab, Carl Baker, MD
3:23	Incremental Cost-Effectiveness of Intravitreal Ranibizumab Compared With Panretinal Photocoagulation for Proliferative Diabetic Retinopathy, Neil Bressler, MD
3:31	Postoperative Vitreous Hemorrhage After Diabetic Vitrectomy: Case-Control Analysis, Samuel Kim, MD
3:39	Endolaserless Vitrectomy With Intravitreal Aflibercept for Proliferative Diabetic Retinopathy (PDR)-Related Vitreous Hemorrhage (Laser Less Trial), Dennis Marcus, MD
3:47	Discussion
3:55	Topline Results From Prospective, Double-Masked Phase 2b Clinical Trial Evaluating ALG-1001 (Luminate®) Compared to Bevacizumab in Patients With DME, David Boyer, MD
4:03	Predictability of IOP Response in Patients Receiving Prior Steroid and Subsequent 0.2 ug/day Fluocinolone Acetonide Intravitreal Implant Therapy, Seenu Hariprasad, MD
4:08	Initial Efficacy, Anatomic and Safety Outcomes After Fluocinolone Acetonide 0.2 ug/Day Implant in DME: The PALADIN Real-World Observational Study, Jay Prenskey, MD, FACS
4:16	Discussion
6:30 PM	Gala Dinner (Boston Park Plaza)

The American Society of Retina Specialists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Retina Specialists designates this live activity for a maximum of 30 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Information

In accordance with the ACCME's Standards for Commercial Support, ASRS required all individuals controlling the content of this CME activity to disclose any relevant financial relationships with commercial interests. ASRS implemented mechanisms to manage any conflicts of interest. Please see the program booklet (our mobile meeting site) for disclosure information for all planners and teachers of this CME activity.



2018

Vancouver, BC
July 20-24



2019

Chicago, IL
July 25-30

