Friday
AUG. 25

6:45 AM – 4:45 PM
Registration

6:45 – 7:25 AM
Breakfast

6:45 AM – 1:15 PM
Exhibits

7:25 – 10:00 AM
Best Practice in Ophthalmology (Part 1)
MODERATOR: WILLIAM F. MIELER, MD

7:25 AM
Introduction and Welcome
WILLIAM F. MIELER, MD

7:30 AM
Ophthalmology: Demographics and Practice Patterns
WILLIAM F. MIELER, MD

7:45 AM
The Art of Keeping Your Referral Doctors Happy
KIRK H. PACKO, MD

8:00 AM
ACA, MACRA, MIPS, DJT: Good, Bad, and the Ugly
GEORGE A. WILLIAMS, MD

8:15 AM
The Art of Patient Satisfaction in a Retina Practice
KIRK H. PACKO, MD

8:30 AM
Surgery in the Office: Is it Economically Feasible?
PRAVIN U. DUGEL, MD

8:45 AM
The IRIS Registry: Game Changer or Gimmick?
GEORGE A. WILLIAMS, MD

9:00 AM
Risk Management and Malpractice for the Retinal Surgeon
YANNEK I. LEIDERMANN, MD, PHD

9:15 AM
Audits: Here, There, and Everywhere
GEORGE A. WILLIAMS, MD

9:30 – 10:00 AM
Ethics Round Table Discussion with All Faculty
CO-MODERATORS:
RV PAUL CHAN, MD
FELIX Y. CHAU, MD

10:00 – 10:30 AM
Break

10:30 – 12:30 PM
Best Practice in Ophthalmology (Part 2)
MODERATOR: WILLIAM F. MIELER, MD

10:30 AM
How to Get Involved in Industry Supported and Clinical Research: Is it Worth it?
PETER K. KAISER, MD

10:45 AM
International Ophthalmology: Why You Should be Involved
RV PAUL CHAN, MD AND PRAVIN U. DUGEL, MD

11:00 AM
Discussion Regarding Type of Practice – Pros and Cons of Academics, Private Practice, and/or a Mixed Type of Practice
ALL FACULTY

11:15 AM
Important Factors to Consider in Choosing a Practice: Contract Negotiations, Buy-In or Not?, Partners, Location, Changing Jobs, Marketing
ALL FACULTY

11:45 AM
Staying Active Academically
SRINIVAS R. SADDA, MD

11:55 AM
Forthcoming Changes in the ABO Maintenance of Certification (MOC)
RV PAUL CHAN, MD
ANN-MARIE LOBO, MD

12:05 PM
Digital Ophthalmology
RAMA D. JAGER, MD, MBA

12:15 PM
Balancing Work and Life
WILLIAM F. MIELER, MD

12:30 – 1:15 PM
Lunch
1:15 – 4:45 PM

**Vitrectomy Fluidics and Instrument Demonstration and Discussion of Challenging OCT, Medical, and Surgical Cases**

Fellows and Residents will be separated into two groups for the interactive sessions.

1:15 PM

**Vitrectomy Fluidics**

PRAVIN U. DUGEL, MD

1:30 PM

**3D Heads-Up Surgery**

GEORGE A. WILLIAMS, MD

### GROUP 1

1:45 – 3:00 PM

**Vitrectomy Instrument Demonstration**

FELIX Y. CHAU, MD

PRAVIN U. DUGEL, MD

RAMA D. JAGER, MD, MBA

PETER K. KAISER, MD

JENNIFER I. LIM, MD

KIRK H. PACKO, MD

LAWRENCE J. ULANSKI, MD

GEORGE A. WILLIAMS, MD

3:00 – 3:30 PM

Break

3:30 – 4:45 PM

**Discussion of OCT, Medical and Surgical Cases**

MODERATOR: SRINIVAS R. SADDA, MD

J. FERNANDO AREVALO, MD

POOJA BHAT, MD

AMANI A. FAWZI, MD

LEE M. JAMPOL, MD

ANNE-MARIE LOBO, MD

SRINIVAS R. SADDA, MD

RICHARD F. SPAIDE, MD

### GROUP 2

1:45 – 3:00 PM

**Vitrectomy Instrument Demonstration**

FELIX Y. CHAU, MD

PRAVIN U. DUGEL, MD

RAMA D. JAGER, MD, MBA

PETER K. KAISER, MD

JENNIFER I. LIM, MD

KIRK H. PACKO, MD

LAWRENCE J. ULANSKI, MD

GEORGE A. WILLIAMS, MD

3:00 – 3:30 PM

Break

3:30 – 4:45 PM

**3D Heads-up Surgery (non-CME)**

PRAVIN U. DUGEL, MD

YANNEK I. LEIDERM, MD, PhD

GEORGE A. WILLIAMS, MD

4:45 – 6:30 PM

**Reception**

Saturday
AUG. 26

6:45 AM – 5:30 PM

Registration

6:45 – 7:25 AM

Breakfast

6:45 AM – 3:45 PM

Exhibits

7:25 – 9:30 AM

Retinal Imaging and Technology

MODERATOR: PRAVIN U. DUGEL, MD

7:25 AM

Introduction and Welcome

WILLIAM F. MIELER, MD

7:30 AM

Basics of OCTangioigraphy (OCTA)

SRINIVAS R. SADDA, MD

7:45 AM

Advances in Fundus Autofluorescence (FAF)

RICHARD F. SPAIDE, MD

8:00 AM

Newer Imaging Modalities (Swept Source OCT, en Face OCT, Differing Wavelength Light, Adaptive Optics, etc.)

PETER K. KAISER, MD

8:15 AM

The Benefits of Wide-Angle Imaging

WILLIAM F. MIELER, MD

8:30 AM

The Current Status of Portable Imaging Devices

FELIX Y. CHAU, MD
8:45 AM
The Future of Automated Ophthalmic Image Analysis (in the Setting of Sickle Cell Retinopathy and Beyond)
JENNIFER I. LIM, MD

9:00 AM
Speculation Regarding the Future of Ocular Imaging
SRINIVAS R. SADDA, MD

9:15 AM
Artificial Vision Update
JENNIFER I. LIM, MD

9:30 – 10:00 AM
Break

10:00 – 11:15 AM
Vitreoretinal Surgery, Techniques, and Innovations
MODERATOR: JENNIFER I. LIM, MD

10:00 AM
The Timing of Retinal Detachment Surgery: Do I Need to Operate in the Middle of the Night?
KIRK H. PACKO, MD

10:15 AM
Management of Blood Thinners Pre-operatively, and Management of Intraoperative Hemorrhage during PPV
J. FERNANDO AREVALO, MD

10:30 AM
Tips and Tricks for Scleral Fixation of IOLs in Combination with PPV Surgery
GEORGE A. WILLIAMS, MD

10:45 AM
The ILM: Friend or Foe?
KIRK H. PACKO, MD

11:00 AM
Combination TKP, PPV, and PK Surgery: Do the Results Warrant the Expense?
YANNEK I. LEIDERMANN, MD, PHD

11:15 AM – 12:15 PM
SURGICAL DEBATES
MODERATOR: WILLIAM F. MIELER, MD

11:15 – 11:30 AM
DEBATE #1:
3D Heads-Up Surgery
11:15 AM
A Paradigm Change
GEORGE A. WILLIAMS, MD

11:20 AM
A Passing Trend
PRAVIN U. DUGEL, MD

11:25 AM
Discussion

11:30 – 11:45 AM
DEBATE #2:
27 Gauge Vitrectomy Surgery
11:30 AM
Significant Improvement Over 25 Gauge
PETER K. KAISER, MD

11:35 AM
No Significant Difference from 25 Gauge
J. FERNANDO AREVALO, MD

11:40 AM
Discussion

11:45 AM – 12:00 PM
DEBATE #3:
Intraoperative OCT and Macular Surgery

11:45 AM
Changes my Intraoperative Management
RAMA D. JAGER, MD, MBA

11:50 AM
An Expensive Toy and Not Essential
YANNEK I. LEIDERMANN, MD

11:55 AM
Discussion

12:00 – 12:15 PM
DEBATE #4:
Vitrectomy for Floaters

12:00 PM
Beneficial
KIRK H. PACKO, MD

12:05 PM
Not Beneficial – Potentially Harmful
WILLIAM F. MIELER, MD

12:10 PM
Discussion

12:15 – 1:00 PM
Lunch

1:00 – 3:15 PM
Diabetic Retinopathy and DME
MODERATOR: RICHARD F. SPAIDE, MD

1:00 PM
Pathophysiology and Biomarkers in Diabetic Retinopathy
JENNIFER J. KANG-MIELER, PHD
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:15 PM</td>
<td>Re-engineering the Staging of Diabetic Retinopathy</td>
<td>Srinivas R. Sadda, MD</td>
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<tr>
<td>1:30 PM</td>
<td>Drugs in the Pipeline for DME/DR that You Absolutely Need to Know About</td>
<td>Pravin U. Dugel, MD and Peter K. Kaiser, MD</td>
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<td>2:00 PM</td>
<td>New Results from the DRCRnet</td>
<td>LEE M. JAMPOL, MD</td>
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<td>2:15 PM</td>
<td>Real World Clinical Applications and Outcomes based on DCR Protocol S – Is Photocoagulation Obsolete?</td>
<td>Jennifer I. Lim, MD</td>
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<td>2:30 PM</td>
<td>OCTA in DME: What Have We Learned?</td>
<td>Amani A. Fawzi, MD</td>
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<td>2:45 PM</td>
<td>Vitrectomy for DME Unresponsive to Pharmacologic Therapy – Is Surgery Beneficial?</td>
<td>J. Fernando Arevalo, MD</td>
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<td>3:00 PM</td>
<td>MacTel 2: An Update of Imaging, Treatment Options, and Visual Outcomes</td>
<td>Richard F. Spaide, MD</td>
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<td>3:15 – 3:45 PM</td>
<td>Break</td>
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<td>3:45 – 4:15 PM</td>
<td><strong>DIABETES DEBATES</strong></td>
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<td><strong>MODERATOR:</strong> GEORGE A. WILLIAMS, MD</td>
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<td>3:45 – 4:00 PM</td>
<td>DEBATE #5: Can Specific Biomarkers (e.g. Retinopathy Severity) Predict Response to Treatment in DME Independent of VA at Time of Initiating Treatment?</td>
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<td><strong>Yes</strong></td>
<td>Amani A. Fawzi, MD</td>
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<td>3:50 PM</td>
<td><strong>No</strong></td>
<td>LEE M. JAMPOL, MD</td>
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<td>3:55 PM</td>
<td><strong>Discussion</strong></td>
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<td>4:00 – 4:15 PM</td>
<td>DEBATE #6: In a Patient with Phakic DME, with a Suboptimal Response (&lt; 5 Letter Improvement) after Three Anti-VEGF Injections, Should the Patient Be Switched to Intravitreal Corticosteroids?</td>
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<td><strong>Yes</strong></td>
<td>Felix Y. Chau, MD</td>
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<td>4:05 PM</td>
<td><strong>No</strong></td>
<td>Pravin U. Dugel, MD</td>
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<td>4:10 PM</td>
<td><strong>Discussion</strong></td>
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<td>4:15 – 4:45 PM</td>
<td><strong>Inflammation and Infection</strong></td>
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<td><strong>MODERATOR:</strong> ANN-MARIE LOBO, MD</td>
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<td>4:15 PM</td>
<td>Multimodal Imaging of the White Dot Syndromes</td>
<td>LEE M. JAMPOL, MD</td>
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<td>4:30 PM</td>
<td>Diagnosis, Management, and Treatment of Non-Infectious Posterior Uveitis</td>
<td>Pooja Bhat, MD</td>
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<td>4:45 – 5:00 PM</td>
<td>DEBATE #7: Should Patients with AMPPPE Be Treated with Systemic Corticosteroids/Immunosuppressive Therapy?</td>
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<td></td>
<td><strong>Yes</strong></td>
<td>Ann-Marie Lobo, MD</td>
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<td>4:50 PM</td>
<td><strong>No</strong></td>
<td>Pooja Bhat, MD</td>
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<td>4:55 PM</td>
<td><strong>Discussion</strong></td>
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<td>5:00 PM</td>
<td>Diagnosis and Management of Infectious Uveitis</td>
<td>Ann-Marie Lobo, MD</td>
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<td>5:15 PM</td>
<td>Surgery for Infectious Retinitis: When Medical Therapy is Not Sufficient</td>
<td>J. Fernando Arevalo, MD</td>
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<td>5:30 – 6:15 PM</td>
<td>Reception</td>
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Sunday
AUG. 27

6:45 AM – 12:15 PM
Registration

6:45 – 7:25 AM
Breakfast

6:45 – 10:15 AM
Exhibits

7:25 – 9:45 AM
AMD and The Macula
MODERATOR: YANNEK LEIDERMANN, MD, PhD

7:25 AM
Introduction and Welcome
WILLIAM F. MIELER, MD

7:30 AM
AREDS, AREDS2, and Beyond:
Are Micronutrients Truly Beneficial or Potentially Harmful?
LAWRENCE J. ULANSKI, MD

7:45 AM
A Simple OCT-based Scale for Staging Dry AMD
SRINIVAS R. SADDA, MD

8:00 AM
Drugs in the Pipeline for Neovascular AMD that You Absolutely Need to Know About
PRAVIN U. DUGEL, MD
PETER K. KAISER, MD

8:30 AM
Anti-VEGF Therapy and Atrophy: What is the Connection?
SRINIVAS R. SADDA, MD

8:45 AM
OCTA-Classification of Wet and Dry AMD
AMANI A. FAWZI

9:00 AM
New Developments in Drug Delivery to the Posterior Segment
JENNIFER J. KANG-MIELER, PHD

9:15 AM
New Imaging Features of Myopic Degeneration
RICHARD F. SPAIDE, MD

9:30 AM
Management Options for Chronic Central Serous Chorioretinopathy
JENNIFER I. LIM, MD

9:45 – 10:15 AM
Break

10:15 – 11:00 AM
AMD DEBATES
MODERATOR: PETER K. KAISER, MD

10:15 – 10:30 AM
DEBATE #8: Genetic Testing for AMD

10:15 AM
Essential for Quality Care of Our AMD Patients
SRINIVAS R. SADDA, MD

10:20 AM
Still Just a Research Tool at the Present Time
GEORGE A. WILLIAMS, MD

10:25 AM
Discussion

10:30 – 10:45 AM
DEBATE #9:
Monitoring for Early Development of Choroidal Neovascularization (Beyond Amsler Grid)
Should Be Standard of Care

10:30 AM
Yes
LAWRENCE J. ULANSKI, MD

10:35 AM
No
JENNIFER I. LIM, MD

10:40 AM
Discussion

10:45 – 11:00 AM
DEBATE #10:
Does Uneventful Cataract Surgery Cause Worsening of Pre-Existing Age-Related Macular Degeneration?

10:45 AM
Yes
FELIX Y. CHAU, MD

10:50 AM
No
RICHARD F. SPAIDE, MD

10:55 AM
Discussion
11:00 AM – 12:15 PM

**Pediatric Retina and Intraocular Tumors**

**MODERATOR:**
LAWRENCE J. ULANSKI, MD

11:00 AM

**Retinopathy of Prematurity (ROP) Update including the RAINBOW**
FELIX Y. CHAU, MD

11:15 AM

**The Common Causes of Pediatric Uveitis**
ANN-MARIE LOBO, MD

11:30 AM

**Pediatric Retinal Diagnoses That You Can’t Afford to Miss**
FELIX Y. CHAU, MD

11:45 AM

**Uveitis Masquerade Syndromes**
POOJA BHAT, MD

12:00 PM

**The Differential Diagnosis of Uveal Melanoma**
WILLIAM F. MIELER, MD

12:15 PM

**Meeting Adjourned**
This CME activity is supported by an educational grant and in-kind support from:

**Alcon Research, LTD**

This CME activity is supported by an educational grant from:

**Regeneron Pharmaceuticals, Inc.**


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**Exhibitors**

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