

# Subspecialty Day Schedule

## Retina 2009: The Cutting Edge

*In conjunction with the American Society of Retina Specialists (ASRS), the Macula Society, the Retina Society, and Club Jules Gonin*

Program Directors: Antonio Capone Jr MD and Daniel F Martin MD

**Moscone Center South, Esplanade Ballroom**

### Friday, Oct. 23

6:30 AM REGISTRATION/ MATERIAL PICKUP/ CONTINENTAL BREAKFAST

8:00 AM Opening Remarks Antonio Capone Jr MD  
Daniel F Martin MD

#### Section I: AMD Part I—Genetics

Moderator(s): Albert O Edwards MD PhD, Kang Zhang MD

8:05 AM Inflammation as the Inciting Event for AMD Joe G Hollyfield PhD  
8:13 AM Genotype-Phenotype Correlations in AMD Ivana K Kim MD  
8:21 AM Complement Therapy in AMD: Proof of Concept Eric A Postel MD  
8:29 AM Personalized Medicine for Ophthalmology: How Close Are We? Janey Lee Wiggs MD PhD  
8:37 AM Genetics in Neovascular AMD and Clinical Applications (DAWN) Tsontcho Ianchulev MD

#### Section II: AMD Part II—Nonexudative AMD

Moderator(s): Gisele Soubrane MD PhD, Janet S Sunness MD

8:45 AM Retinal Pigment Epithelium Dysfunction Alan C Bird MD  
8:53 AM Risk Factors for Progression of Geographic Atrophy and Vision Loss Frederick L Ferris III MD  
9:01 AM Ciliary Neurotrophic Factor for Dry AMD and Retinal Degeneration George A Williams MD  
9:09 AM Imaging Metrics for Following Geographic Atrophy Frank G Holz MD  
9:17 AM Progression of Wet and Dry AMD Following Cataract Surgery: Making Sense of the Current Literature Susan B Bressler MD

#### The Charles L Schepens Lecture

9:25 AM Introduction of the 2009 Schepens Lecturer David W Parke II MD  
9:30 AM Charles L Schepens MD Lecture: Is Surgery Still the Primary Management of Proliferative Vitreoretinopathy? Thomas M Aaberg Sr MD MSPH FACS

9:45 AM REFRESHMENT BREAK

#### Section III: AMD Part III—Exudative AMD

Moderator(s): Albert J Augustin MD, Lawrence J Singerman MD

10:30 AM Avastin vs. Lucentis: Update on Comparative Studies Daniel F Martin MD  
10:38 AM Recognition and Management of Anti-VEGF Non-responders Gaurav K Shah MD  
10:46 AM Incidence and Clinical Features of Endophthalmitis and Pseudoendophthalmitis Following Intravitreal Injections Jonathan L Prenner MD  
10:54 AM Update on VEGF Trap Jeffrey S Heier MD  
11:02 AM SURGERY by SURGEONS UPDATE Randolph L Johnston MD  
11:07 AM Lessons Learned in the Graveyard of Clinical Trials Stuart L Fine MD  
11:15 AM Overview for Maintenance Phase Paradigms for Anti-VEGF Therapy for AMD Carl D Regillo MD FACS

11:23 AM LUNCH and DISCUSSION GROUPS

#### Section IV: Instrumentation and Techniques

Moderator(s): Masahito Ohji MD, Stanislao Rizzo MD

12:38 PM Instrumentation in the Development Pipeline Mark S Humayun MD PhD  
12:48 PM Video Presentations of New Vitreoretinal Instrumentation and Techniques David R Chow MD

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## Retina 2009, continued

12:58 PM	You Can't Fix What You Can't See: Overview of Wide-Angle Visualization Options	Stanley Chang MD
1:06 PM	What You Need to Know About Fluidics and Vitreous Surgery	Kirk H Packo MD
1:14 PM	Robotic Vitreoretinal Surgery	Steven D Schwartz MD
1:22 PM	Are There Limits to Small-Incision Vitreous Surgery?	Claus Eckardt MD
1:30 PM	Enzymatic Vitreolysis: Results of the MIVI Trial	Peter W Stalmans MD PhD
1:38 PM	Cellular Basis of Proliferative Vitreoretinopathy	Joan W Miller MD
1:46 PM	Update on Drug Delivery to the Posterior Segment	William F Mieler MD
1:54 PM	Traumatic Endophthalmitis	Demetrios Vavvas MD
2:02 PM	Vitreoretinal Lessons from Iraq and Afghanistan	Eric D Weichel MD
2:10 PM	Panel Discussion: Surgical Secrets—Controversies in the Management of Ocular Trauma <b>Moderator(s): Paul Sternberg Jr MD</b>	H Culver Boldt MD Carl C Claes MD G Baker Hubbard MD Ferenc P Kuhn MD PhD Dante Pieramici MD Patrick E Rubsamen MD

2:30 PM REFRESHMENT BREAK

### Late Breaking Developments, Part I

**Moderator(s): Mark S Blumenkranz MD, John T Thompson MD**

3:10 PM	TBA	
3:46 PM	Posurdex Retinal Vein Occlusion Phase 3 Trials Data	Julia A Haller MD

### Section V: AMD Part IV—Therapy of AMD

**Moderator(s): Barbara Ann Blodi MD, M Gilbert Grand MD**

3:52 PM	Natural Products for the Treatment and Prevention of Macular Degeneration: Carotenoids, Omega-3 Fatty Acids, and Beyond	Paul S Bernstein MD PhD
4:00 PM	Effect of Therapy to Lower Homocysteine Levels in AMD: Lessons From the Women's Antioxidant and Folic Acid Cardiovascular Study	Emily Y Chew MD
4:08 PM	The RADICAL Trial 12-Month Results: Comparing Reduced-Fluence Verteporfin-Ranibizumab Combination Therapies and Ranibizumab Monotherapy in Subjects With CNV Secondary to AMD	Allen C Ho MD
4:16 PM	Visual Prosthetics: Overview of Approaches and Progress Report	Raymond Iezzi MD
4:26 PM	Preclinical/Phase 1 Wet AMD Rx Pipeline Overview (Nanoparticle Delivery, Integrin Antagonists, RNA Strategies, Topical Strategies, Anti-complement Strategies)	Jason S Slakter MD
4:36 PM	Preclinical/Phase 1 Dry AMD Rx Pipeline Overview	Philip J Rosenfeld MD PhD
4:46 PM	Update on Combination Strategies for Wet AMD	Peter K Kaiser MD
4:56 PM	Case Presentations: Imaging Pearls in Exudative AMD Management? ...Or? <b>Moderator(s): Neil M Bressler MD</b>	David M Brown MD FACS, Anne E Fung MD, Mark W Johnson MD, Jennifer Irene Lim MD, Lawrence A Yannuzzi MD
5:16 PM	Closing Remarks and Announcements	Antonio Capone Jr MD, Daniel F Martin MD

## Saturday, Oct. 24

6:30 AM CONTINENTAL BREAKFAST

8:00 AM	OPENING REMARKS	Antonio Capone Jr MD Daniel F Martin MD
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### Section VI: Imaging

**Moderator(s): Srinivas R Sadda MD, Giovanni Staurenghi MD**

8:05 AM	OCT Instrumentation Overview	Jay S Duker MD
8:13 AM	Comparison of Fundus Camera-Based vs. Heidelberg Autofluorescence	Alexander C Walsh MD
8:21 AM	Identification of Primary Retinal Pigment Epithelium Atrophy in Neovascular AMD Using Polarization-Sensitive OCT	Ursula M Schmidt-Erfurth MD

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## Retina 2009, continued

8:29 AM	Enhanced Depth Imaging OCT: Changes Related to Age and Refractive Status	Richard F Spaide MD
8:37 AM	Three-Dimensional Blood Flow Imaging of the Human Posterior Eye With High-Speed, High-Sensitive Doppler Optical Coherence Angiography	Yoshiaki Yasuno PhD
8:45 AM	Retinal Imaging Panel Discussion: Is It Time to Update, Is Autofluorescence Worth the Price, and More Moderator(s): Glenn J Jaffe MD	Yale L Fisher MD William R Freeman MD Edoardo Midena MD Jason S Slakter MD Cynthia A Toth MD

### Section VII: Pediatric Retina

Moderator(s): J Arch McNamara MD, William S Tasman MD FACS		
9:05 AM	Optimizing Outcome in Aggressive Posterior ROP	Kimberly A Drenser MD PhD
9:13 AM	Anti-VEGF Therapy for ROP: A Meta-analysis	Franco M Recchia MD
9:21 AM	Working Towards a Bulletproof ROP Safety Net	Michael T Trese MD
9:29 AM	Providing Rop Evaluation Services: What to Discuss With Your Hospital	Clio A Harper III MD
9:37 AM	The Impact on Resource Utilization of Telemedicine Integration to Evaluate ROP	Lloyd Hildebrand MD
9:45 AM	Point-Counterpoint: Telemedicine for ROP—Not Ready For Prime Time	Graham E Quinn MD
9:51 AM	Point-Counterpoint: Telemedicine for ROP—An Effective Approach to ROP Evaluation	Darius M Moshfeghi MD
9:57 AM	REFRESHMENT BREAK and JOINT MEETING EXHIBITS	

### Section VIII: Inherited Retinal Diseases

Moderator(s): John R Heckenlively MD, Edwin M Stone MD PhD		
10:45 AM	Impact on Patients of Wet vs. Dry AMD	Lylas G Mogk MD
10:51 AM	Leber Congenital Amaurosis Therapy Update	Albert M Maguire MD
10:58 AM	Albinism 2009 for the Busy Clinician	Alex V Levin MD
11:06 AM	Practical Overview of Genetics and Retinal Disease: What You Really Need to Know	Michael L Klein MD
11:14 AM	Autoantibodies in Inherited Retinal Disease	Russell N Van Gelder MD PhD

### Section IX: Oncology

Moderator(s): Evangelos S Gragoudas MD, Joan M O'Brien MD		
11:22 AM	New Observations on Tumors of the Retinal Pigment Epithelium	Jerry A Shields MD
11:30 AM	Molecular Profiling and Prognosis of Choroidal Melanoma	J William Harbour MD
11:38 AM	Vascular Targeting in Ocular Oncology	Timothy G Murray MD
11:46 AM	Vascular Tumors of the Posterior Pole: Diagnostic and Treatment Pearls	Arun D Singh MD
11:54 AM	LUNCH and JOINT MEETING EXHIBITS	

### Section X: Uveitis

Moderator(s): Emmett T Cunningham Jr MD PhD MPH, Janet Louise Davis MD		
1:19 PM	New and Emerging Therapies for Ocular Inflammatory Diseases	James Philip Dunn Jr MD
1:27 PM	Long-term Use of Antimetabolites and Biologics	John H Kempen MD
1:35 PM	Optimal Long-term Management of Birdshot Chorioretinitis and Multifocal Choroiditis	Douglas A Jabs MD MBA
1:43 PM	Top 5 Mistakes Made in the Care of the Uveitis Patient	Gary N Holland MD
1:51 PM	Panel Discussion: Challenging Infectious Uveitis Cases From Around the World Moderator(s): Alexander J Brucker MD	Rubens Belfort Jr MD PhD Phuc Lehoang MD PhD Quan Dong Nguyen MD Narsing A Rao MD Khalid F Tabbara MD

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## Retina 2009, continued

### Section XI: The Business of Retina

Moderator(s): Lawrence S Halperin MD FACS, Wayne A Solley MD

2:11 PM	Retina Practices in Transition: Compensation and Succession Issues	William L Rich III MD
2:19 PM	PQRI: How to Really Get Paid for Performance	James F Vander MD
2:26 PM	Clinical Research: How to Make Ends Meet and Do Interesting Stuff	David F Williams MD
2:33 PM	The Socio-economic Contribution of Therapy for AMD	Gary C Brown MD
2:40 PM	Vitreoretinal Surgery: A Cost-Benefit Analysis of Techniques and Technology	Carl C Awh MD

2:47 PM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

### Late Breaking Developments, Part II

Moderator(s): Bernard H Doft MD, Dennis P Han MD

3:27 PM TBA

### Section XII: Occlusive Vascular Disease and Macular Diseases

Moderator(s): Froncie A Gutman MD, Timothy W Olsen MD

4:05 PM	SCORE: Branch Retinal Vein Occlusion Primary Outcomes	Ingrid U Scott MD MPH
4:13 PM	Lucentis Branch Retinal Vein Occlusion Trials	Peter A Campochiaro MD
4:21 PM	SCORE: Central Retinal Vein Occlusion Primary Outcomes	Michael S Ip MD
4:29 PM	Lucentis Central Retinal Vein Occlusion Trials	Rishi P Singh MD

### Section XIII: Diabetic Retinopathy

Moderator(s): Gary W Abrams MD, Andrew P Schachat MD

4:37 PM	Risk Factors for Retinal Edema as Measured by OCT in Patients With Extreme Duration of Type 1 Diabetes: The Joslin 50-Year Medalist Study	Lloyd P Aiello MD PhD
4:45 PM	Steroid Implant Overview: I-Vation TA, Posurdex, Iluvien, and More	Baruch D Kuppermann MD PhD
4:53 PM	Panel Discussion: Surgical Secrets—Proliferative Diabetic Retinopathy Moderator(s): H Richard McDonald MD	Robert L Avery MD, Borja F Corcostegui MD, Donald J D'Amico MD, Dean Elliott MD, Tarek S Hassan MD, Anselm Kampik MD, William F Mieler MD
5:13 PM	Closing Remarks	Antonio Capone Jr MD, Daniel F Martin MD

5:15 PM ADJOURN