The Macula Society
36th Annual Scientific Program

St. Regis Monarch Beach
Dana Point, California
February 27 - March 2, 2013

The Macula Society
3401 Enterprise Parkway, Suite 310, Cleveland, Ohio 44122
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Email: maculasociety@aol.com
Website: maculasociety.org
Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Medical College of Wisconsin and the Macula Society. The Medical College of Wisconsin is accredited by the ACCME to provide continuing medical education for physicians.

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Stephen J. Ryan, MD 1986-88
John G. Clarkson, MD 1988-90
David H. Orth, MD 1990-92
Alexander J. Brucker, MD 1992-94
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Thomas M. Aaberg, MD 1996-98
Travis A. Meredith, MD 1998-00
Kurt A. Gitter, MD 2000-02
William F. Mieler, MD 2002-04
Daniel Finkelstein, MD 2004-06
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Evangelos S. Gragoudas, MD 2008-09
Jerry A. Shields, MD 2009-10
Michael L. Klein, MD 2010-11
Emily Y. Chew, MD 2011-12

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June 2012 – March 2013

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Paul Sternberg, Jr., MD  Secretary
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International Member Representative
Anat Loewenstein, MD Chair
Usha Chakravarthy, MD

Young Member Representative
Rajendra S. Apte, MD, PhD
Registration
Wednesday, February 27, 2013
10:30 a.m.-7:00 p.m.
Thursday, February 28, 2013
6:30 a.m.-1:00 p.m.
Friday, March 1, 2013
6:30 a.m.-5:30 p.m.
Saturday, March 2, 2013
6:30 a.m.-1:00 p.m.

Speaker Ready Room – Sorrento Room
Wednesday, February 27, 2013
10:30 a.m.-7:00 p.m.
Thursday, February 28, 2013
6:30 a.m.-1:30 p.m.
Friday, March 1, 2013
6:30 a.m.-5:30 p.m.
Saturday, March 2, 2013
6:30 a.m.-1:30 p.m.

Meetings
Executive Committee
Wednesday, February 27, 2013
12:00 p.m.-2:00 p.m.
Adriatic Room

Annual Business Meeting (Members Only)
Friday, March 1, 2013
6:30 a.m.-7:30 a.m.
Grand Ballroom I and II

Young Member Mentor Lecture
Guest Speaker: Paul Sternberg Jr., MD
Guest Speaker: J. William Harbour, MD
Thursday, February 28, 2013
6:30 a.m.-7:30 a.m.
Mediterranean Room
with support from Regeneron
Scientific Program

Case Study Conference
Grand Ballroom

Wednesday, February 27, 2013
2:00 p.m.-5:00 p.m.

General Sessions
Grand Ballroom

Wednesday, February 27, 2013
5:00 p.m.-6:36 p.m.

Thursday, February 28, 2013
7:30 a.m.-1:22 p.m.

Friday, March 1, 2013
7:30 a.m.-12:30 p.m.
2:00 p.m.-4:56 p.m.

Saturday, March 2, 2013
7:30 a.m.-12:42 p.m.

Social Program

Wednesday, February 27, 2013
Welcome Buffet Dinner,
Motif Terrace and Motif Restaurant
7:00 p.m.-10:00 p.m.
Attire: Business casual

February 28, March 1-2, 2013
Thursday through Saturday
Breakfast Buffet for all attendees
6:30 a.m.-10:00 a.m.
Ballroom III

Friday, March 1, 2013
36th Annual Macula Society Gala
Cocktails
7:30 p.m.
Pacific Lawn Rotunda
Gala Dinner Reception
8:15 p.m.
Grand Ballroom I and II
Attire: Cocktail attire
2013 Awards

Presentation of 2012 J. Donald M. Gass Medal
Thursday, February 28, 2013 12:50 p.m.
Recipient: Frederick L. Ferris, III, MD
Presenter: Emily Y. Chew, MD

Presentation of 2013 J. Donald M. Gass Medal
Thursday, February 28, 2013 12:58 p.m.
Recipient: William F. Mieler, MD
Presenter: Jennifer J. Kang-Mieler, MD

Green Lecture and Award
Thursday, February 28, 2013 1:06 p.m.
“The Evolution of Geographic Atropohy”
Recipients: John Sarks, FRCS, FRANZCO and
Shirley Sarks, FRCS, FRANZCO, MD
Presenter: Alan Bird, MD

Evangelos S. Gragoudas Award
Friday, March 1, 2013 9:38 a.m.
Recipient: Ruwan Amila Silva, MD
Presenter: Darius Moshfeghi, MD

Young Investigator Award and Lecture
Friday, March 1, 2013 9:46 a.m.
“ ‘Eyeball’-ing the Immune System”
Recipient: Rajendra S. Apte, MD, PhD
Presenter: J. William Harbour, MD

Young Investigator Award and Lecture
Friday, March 1, 2013 10:04 a.m.
Recipient: Michael D. Abramoff, MD, PhD
Presenter: James C. Folk, MD

Arnall Patz Medal
Friday, March 1, 2013 11:58 a.m.
Recipient: Peter A. Campochiaro, MD
Presenter: Neil M. Bressler, MD

Paul Henkind Memorial Lecture and Award
Friday, March 1, 2013 12:06 p.m.
“Lifecycle of Pseudodrusen”
Recipient: Richard F. Spaide, MD
Presenter: Alexander J. Brucker, MD
The
Macula Society

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Macula Society Research Project

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The Macula Society would like to thank Larry Yannuzzi, MD and the Macula Foundation for their continuing support of the Paul Henkind Memorial Lecture.
The Macula Society

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Macula Society
2013 Case Conference

Wednesday, February 27, 2013
Session I

Imaging and Case Study Conference

2:00 - 3:20 p.m.  Moderators: Lee Jampol
Mathew MacCumber

2:00  Jose Pulido
Beyond the Visible

2:05  Robert Johnson
Birdshot Lesions in a Patient Without Birdshot

2:10  Lee Jampol
CAR or Drug Toxicity

2:15  Salomon Cohen
One Condition or Two?

2:20  Anita Leys
Paraneoplastic Melanocytic Proliferation Treated with
Plasmapheresis

2:25  Antonio Ciardella
Mystery Case

2:30  Daniel Roth
Acute Exudative Polymorphous Vitelliform Maculopathy in a
Young Man

2:35  Mathew MacCumber
Central Serous Chorioretinopathy or Age-Related Macular
Degeneration?

2:40  Ayala Pollack
Too Much Light can be Blinding

2:45  Stephen Schwartz
H is for . . . ?

2:50  Jerry Shields
Hearing Loss and a Fundus Lesion

2:55  Michael Goldbaum
Spontaneous Massive Uveal Effusion
Macula Society
2013 Case Conference
Wednesday, February 27, 2013
continued

3:00 Thomas Friberg
Silicone Oil and Peripheral Vascular Leakage After Retinal Detachment Repair

3:05 Rishi Singh
8-Ball Hyphema Following Intravitreal Injection of Ranibizumab for Branch Retinal Vein Occlusion

3:10 Gaetano Barile
Unilateral Central Visual Loss

3:15 Carol Shields
Dangerous Floaters

Session II
3:20 - 4:55 p.m.Moderators: Anita Agarwal
Larry Yannuzzi

3:20 Quan Nguyen
Yet . . . Another Case of White and Not-So-White Dots

3:25 Caroline Baumal
Acute Macular Neoretnopathy

3:30 Vishali Gupta
Mystery Case

3:35 Graham Holder
A Patient with Unusual Fundus Autofluorescence Imaging

3:40 David Sarraf
Mystery Case

3:45 Shree Kurup
Value of the Retinal Examination After Non-Contributory Multiple Invasive Procedures over 8 Months in a 15-year-old

3:50 David Weinberg
Vision Loss in a Young Woman
Arun Singh
Unusual Intraocular Tumor

Tara McCannel
Macular Pucker with Intraocular Tumor

Michaella Goldstein
Choroidal Nevus and . . .

Giovanni Staurenghi
Retinoschisis in Diabetic Retinopathy

J. William Harbour
Intraocular Mass

William Mieler
Mystery Case

Michael Singer
A Case of Recalcitrant CSR

Colin McCannel
Static Pressure and Pascal’s Law Meet the Retina

Shlomit Schaal
Central Retinal Artery Occlusion Post Partum: Clinical Presentation of Potentially Deadly Predominantly Female Disorder

Alexander Brucker
Retinal Structure in Vitamin A Deficiency as Revealed with Spectral Domain Optical Coherence Tomography

Anita Agarwal
Unusual Distribution of Multifocal Vitelliform Lesions

Lawrence Yannuzzi
Multifocal Choroiditis
2013
Scientific Program

Wednesday through Saturday

February 27 – March 2, 2013
Dana Point, California

The eight minutes allotted for each presentation consists of six minutes for presentation and two minutes for discussion with the audience.
WEDNESDAY, FEBRUARY 27, 2013

SESSION I
Imaging

Moderator: Richard Rosen            Moderator: Giovanni Staurenghi

5:00 p.m.  Fluoro Microangiography – First Clinical Studies of Fluorescein Angiography using Adaptive Optic Scanning Laser Ophthalmoscopy
Richard Rosen

5:08 p.m.  Hyperreflective OCT Spots as Biomarker of Microglial Activation in the Retina of Diabetics Without and With Early Retinopathy
Edoardo Midena

5:16 p.m.  Equations to Convert Retinal Thickness Measurements from Spectral Domain OCT Machines to “Equivalent” Time Domain OCT Measurements
Dennis Marcus

5:24 p.m.  Topographical Analyses of Tilted Disc Syndrome by using 3D MRI and Swept-Source OCT
Kyoko Ohno-Matsui

5:32 p.m.  Diurnal Variation of Macular Choroidal Volume in Healthy Volunteers
Lihteh Wu

5:40 p.m.  Choroidal Thickness in Adult Onset Foveomacular Vittelliform Dystrophy versus Dry and Exudative Age-Related Macular Degeneration
Gabriel Coscas

5:48 p.m.  Pilot Study of Choroidal Vascular Quantification Using En Face OCT
Amani Fawzi

5:56 p.m.  “En face” OCT Imaging in Type 2 Idiopathic Macular Telangiectasia
Martine Mauget-Fayisse

6:04 p.m.  Studying the Progression of Retinal Vascular Changes Associated with Macular Telangiectasia in 3-Dimension using Power-doppler OCT
Susanna Park
6:12 p.m. Assessing the Reliability and Repeatability of a Commercially Available Flood-Illuminated Adaptive Optics Camera – Is it Ready for Clinical Trials?  
Mark Pennesi

6:20 p.m. The Photobleaching Effect in Evaluation of Fundus Autofluorescence  
Giovanni Staurenghi

6:28 p.m. A Novel High-Speed and High Resolution Optical Coherent Tomography: a Preliminary Report  
Shin Yoneya

6:36 p.m. End of Session

THURSDAY, FEBRUARY 28, 2013

SESSION II  
Dry AMD

Moderator: Phil Rosenfeld

7:30 a.m. Rod-Mediated Dark Adaptation as a Functional Outcome Measure in the Study of Age-Related Macular Degeneration  
Catherine Cukras

7:38 a.m. The Role of the Choroidal Thickness in Determining Scotopic and Photopic Sensitivities in Various Stages of Age-Related Macular Degeneration (AMD)  
Karl Csaky

7:46 a.m. Reticular Genetics Update  
R. Theodore Smith

7:54 a.m. Genetic Analysis of Concordant Versus Discordant Age-Related Macular Degeneration  
Stephen Schwartz

8:02 a.m. A Comparison of Two Commercially Available Genetic Tests for Age-Related Macular Degeneration  
Nancy Holekamp

8:10 a.m. Complement Factor H Genotype in Atrophic and Neovascular AMD: Implications for Pathophysiology and Genetic Testing  
Robert Mullins

8:18 a.m. Value of Genetic and Clinical Features in Predicting Progression to Advanced Age-Related Macular Degeneration (AMD)  
Franco Recchia
8:26 a.m. Subclassification of AMD Patients Based on Metabolic Characteristics
*Milam Brantley*

8:34 a.m. Periodontal Disease and Age-Related Macular Degeneration
*Jorge Arroyo*

8:42 a.m. NSAID Use and Risk of Age-Related Macular Degeneration
*Donald Fong*

8:50 a.m. Progression of Geographic Atrophy in the COMPLETE Study
*Philip Rosenfeld*

### SESSION III
**Neovascular AMD I**

*Moderator: Allen Ho*  
*Moderator: Usha Chakravarthy*

8:58 a.m. Analysis of Single Nucleotide Polymorphisms Profile for Eyes with Vascularized Pigment Epithelial Detachment due to AMD
*Clement Chan*

9:06 a.m. Peripapillary Pigmentary Changes in Neovascular Age-Related Macular Degeneration (nAMD)
*Salomon Cohen*

9:14 a.m. The Composition of the Vitreous Proteome in Patients with Wet AMD Can Differentiate Between CNV and RAP: An Important New Diagnostic Tool
*Bert Glaser*

9:22 a.m. Optical Coherence Tomography and Fluorescein Angiography in the Diagnosis of New-onset Neovascular Age-Related Macular Degeneration. A Comparative Study
*Alain Gaudric*

9:30 a.m. Multilayered Pigment Epithelial Detachment: A New OCT Finding in Neovascular AMD
*David Sarraf*

9:38 a.m. Lesion Reflectivity as a Parameter for Assessment of Disease Activity in Eyes With Neovascular Age-Related Macular Degeneration
*SriniVas Sadda*

9:46 a.m. The HARBOR Study 2-Year Results: Efficacy and Safety of 0.5 mg or 2.0 mg Ranibizumab in Patients with Wet Age-Related Macular Degeneration
*Allen Ho*
9:54 a.m.  Early vs. Delayed 15-Letter Responders to Ranibizumab Treatment in Year 1 of the HARBOR Study
   Gregg Kokame

10:02 a.m. Association of Best-corrected Visual Acuity (BCVA) Gains at Month 12 in HARBOR with Change in Choroidal Neovascularization (CNV) Area from Baseline
   Paul Tornambe

10:10 a.m. Association of Baseline Lesion Size with Best-Corrected Visual Acuity (BCVA) at Month 12 in Ranibizumab Studies
   Anthony Adams

10:18 a.m. Effectiveness of Quarterly Versus Monthly Ranibizumab According to Initial Response in Visual Acuity – An Analysis of 12 Month Data from the EXCITE Study
   Victor Chong

10:26 a.m. Serious Adverse Events in the IVAN Trial
   Usha Chakravarthy

10:34 a.m. Break

SESSION IV
Neovascular AMD II

Moderator: G. Baker Hubbard           Moderator: John Thompson

10:42 a.m. Short-term Outcomes of Aflibercept for Neovascular Age-Related Macular Degeneration in Eyes Previously Treated with Other Vascular Endothelial Growth Factor Inhibitors
   G. Baker Hubbard, III

10:50 a.m. Conversion to Aflibercept for Refractory or Recurrent Neovascular Age-Related Macular Degeneration
   John Loewenstein

10:58 a.m. Fluid Status at Week 12 and its Correlation with Fluid Status at Week 52 Following Intravitreal Aflibercept Injections (IAI) in the VIEW Study of wAMD Patients
   Darius Moshfeghi

11:06 a.m. Daily OCT Examination After First Intravitreal Anti-VEGF Injection: Implication for Drug Pharmacokinetics
   Michel Farah

11:14 a.m. Impact of the Vitreous Condition on the Efficacy of Antiangiogenic Therapy
   Ursula Schmidt-Erfurth
11:22 a.m. Prospective Audit of Outcomes of Treatment of Exudative Macular Degeneration: The Fight Retinal Blindness Project
Mark Gillies

11:30 a.m. Long-term Visual Acuity Stability in Eyes Treated with Anti-VEGF Therapy for Choroidal Neovascularization Associated with Macular Degeneration
John Thompson

11:38 a.m. Photodynamic Therapy, Anti-Vascular Endothelial Growth Factor Therapy, and Combination Therapy for Polypoidal Choroidal Vasculopathy
Hyoung Jun Kohn

11:46 a.m. A Prospective Study of Treatment Pattern and 12-Month Outcomes of Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Asians
Gemmy Cheung

11:54 a.m. Two-Year Results of Combined Intravitreal Ranibizumab and Photodynamic Therapy for Polypoidal Choroidal Vasculopathy
Tomohiro Iida

12:02 p.m. Ranibizumab Versus Verteporfin Photodynamic Therapy in the Treatment of Choroidal Neovascularization Secondary to Myopia
Tien Wong

12:10 p.m. Choroidal Neovascularization Associated with Acquired Vitelliform Lesions
Itay Chowers

12:18 p.m. A Phase 2b Study of E10030, a Platelet Derived Growth Factor (PDGF) Inhibitor in Combination with a Vascular Endothelial Growth Factor (VEGF) Inhibitor for Neovascular Age-Related Macular Degeneration (AMD)
Pravin Dugel

12:26 p.m. First in-Human Results of a Refillable Drug Delivery Implant Providing Sustained Release of Ranibizumab in Patients with Neovascular AMD
Eugene de Juan Jr.

12:34 p.m. Stereotactic Radiotherapy for Neovascular Age-Related Macular Degeneration: Incidence and Impact of Microvascular Changes in the INTREPID Study
Jason Slakter

12:42 p.m. The Pathways to Death: Apoptosis, Pyroptosis, Necroptosis, and Autophagy
Joan Miller
12:50 p.m. **Presentation of the 2012 J. Donald M. Gass Medal**  
Recipient: Frederick L. Ferris, III, MD  
Presenter: Emily Y. Chew, MD

12:58 p.m. **Presentation of the 2013 J. Donald M. Gass Medal**  
Recipient: William F. Mieler, MD  
Presenter: Jennifer J. Kang-Mieler, MD

1:06 p.m. **Presentation of the Green Lecture and Award**  
“The Evolution of Geographic Atrophy”  
Recipient: John Sarks, FRCS, FRANZCO and Shirley Sarks FRCS, FRANZCO, MD  
Presenter: Alan Bird MD

1:22 p.m. **End of Session**

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**FRIDAY, MARCH 1, 2013**

**SESSION V**  
**Diabetic Retinopathy**

*Moderator: Neil Bressler*  
*Moderator: Philip Hykin*

7:30 a.m. Presenting and Best-corrected Visual Acuity in U.S. Adults with Diabetic Retinopathy: Findings from the 2005-2008 National Health and Nutrition Examination Survey  
*Neil Bressler*

7:38 a.m. Implications of Far Peripheral Retinal Lesions Identified on Ultra-wide-field Imaging for Progression of Diabetic Retinopathy  
*Lloyd Paul Aiello*

7:46 a.m. Intravitreal Ranibizumab for Diabetic Macular Edema with Prompt vs. Deferred Laser Treatment: 3-year Randomized Trial Results  
*Michael Elman*

7:54 a.m. Impact of Ranibizumab Through 36 Months on Patient-Reported Visual Function for Individuals with Diabetic Macular Edema Participating in RESTORE Extension Study  
*Susan Bressler*

8:02 a.m. Risk Factors for Worsening of Diabetic Retinopathy During Monthly Anti-VEGF Treatment in RIDE and RISE  
*Jennifer Sun*
8:10 a.m. Real-World Utilization of Anti-VEGFs in Diabetic Macular Edema and Retinal Vein Occlusion: Injection Frequency, Patient Monitoring, and Concomitant Therapy Use
    Szilárd Kiss

8:18 a.m. The European Vitreo-Retinal Society Macular Edema Study
    Ron Adelman

8:26 a.m. The LUCIDATE Study: A Randomised Clinical Trial to Evaluate the Long-Term Functional and Anatomical Effects of Repeated Ranibizumab Administration Compared with Laser in Diabetic Macular Edema
    Philip Hykin

8:34 a.m. Multicenter Evaluation of Navigated Laser to Reduce Anti-VEGF Injection Frequency in Diabetic Macular Edema (DME)
    William Freeman

8:42 a.m. Is There a Systemic Risk of Intravitreal Anti-VEGF Therapy in Certain Patient Populations?
    Robert Avery

8:50 a.m. Treatment Response to Novel Laser Protocol (OCT-guided selective focal laser) for Diabetic Macular Edema
    Oh Kwon

8:58 a.m. Randomized Clinical Trial Evaluating Intravitreal Ranibizumab or Intravitreal Saline for Vitreous Hemorrhage from Proliferative Diabetic Retinopathy
    Kenneth Diddie

SESSION VI

Endophthalmitis After Intravitreal Injection

Moderator: Stephan Michels

9:06 a.m. Endophthalmitis After Intravitreal Injections: Office-Based Setting and Operating Room Setting
    Francesco Boscia

9:14 a.m. Performed in the Operating Room: a Retrospective Multicenter Study
    Stephan Michels

9:22 a.m. Bacterial Cultures in Endophthalmitis Following Intravitreal Injection Compared to Pars Plana Vitrectomy
    Sunir Garg

9:30 a.m. Fungal Endophthalmitis Outbreak from a Compounding Pharmacy: Implications for Fungal Meningitis
    Kent Small

~30~
9:38 a.m. **Presentation of Evangelos S. Gragoudas Award**  
*Recipient: Ruwan Amila Silva, MD*  
*Presenter: Darius Moshfeghi, MD*

9:46 a.m. **Young Investigator Award and Lecture Presentation**  
*Recipient: Rajendra S. Apte, MD, PhD*  
*Presenter: J. William Harbour, MD*

10:04 a.m. **Young Investigator Award and Lecture Presentation**  
*Recipient: Michael D. Abramoff, MD, PhD*  
*Presenter: James C. Folk, MD*

10:22 a.m. **Break**

**SESSION VII**  
**Vascular Occlusions**

**Moderator: David Boyer**  
**Moderator: Peter Campochiaro**

10:30 a.m. Morphological Changes of Major Retinal Vessels in Eyes with Acute Branch Retinal Vein Occlusion  
*Akitaka Tsujikawa*

10:38 a.m. Association of Outer Retinal Layer Morphology with Visual Acuity in Patients with Retinal Vein Occlusion  
*Ingrid Scott*

10:46 a.m. Development of Venous Collaterals in the SCORE Study  
*David Weinberg*

10:54 a.m. Collateral Vessel Presence in Branch and Central Retinal Vein Occlusions: Impact on Visual Acuity  
*Rishi Singh*

11:02 a.m. Comparative Efficacy of Vascular Endothelial Growth Factor (Vegf) Neutralization in the Treatment of Isovolumetric Macular Edema Secondary to Retinal Vein Occlusion (RVO), Exudative Age-Related Macular Degeneration (exAMD) and Diabetic Retinopathy (DR)  
*Tongalp Tezel*

11:10 a.m. Effect of Alternate Ranibizumab Dosing Regimens on Visual and Anatomic Outcomes in Patients with Retinal Vein Occlusion – The SHORE Study  
*Robert Johnson*

11:18 a.m. Comparison of Bevacizumab Versus Ranibizumab for the Initial Reduction of Central Macular Thickness in Patients with Retinal Vein Occlusions  
*Michael Singer*
11:26 a.m. Intravitreal Aflibercept Injection (IAI) for Macular Edema Secondary to Central Retinal Vein Occlusion (CRVO): Results of COPERNICUS 2-Year and GALILEO 18-Month
David Boyer

11:34 a.m. Retrospective Study of Two or More Dexamethasone Intravitreal Implant 0.7 mg Injections for Retinal Vein Occlusion
Daniel Roth

11:42 a.m. Progression of Retinal Nonperfusion in Patients with Retinal Vein Occlusion
Peter Campochiaro

11:50 a.m. Capillary Non-Perfusion in Pre-Proliferative (Ischemic) CRVO Treated with Ranibizumab in the RAVE (Rubeosis Anti-VEGF) Trial
David Brown

11:58 a.m. Presentation of Arnall Patz Medal
Recipient: Peter A. Campochiaro, MD
Presenter: Neil M. Bressler, MD

12:06 p.m. Paul Henkind Memorial Lecture and Award Presentation
Recipient: Richard F. Spaide, MD
Presenter: Alexander J. Brucker, MD

12:30 p.m. Break

SESSION VIII
Uveitis and Tumors I

Moderator: Carol Shields

2:00 p.m. Confusion Concerning Unilateral Retinal Pigment Epithelial Dysgenesis
H. Richard McDonald

2:08 p.m. Ophthalmic Artery Chemosurgery for Retinoblastoma Prevents New Intraocular Tumors
David Abramson

2:16 p.m. Retinal Vasoproliferative Tumors In Patients with Neurofibromatosis. An Analysis of 5 Patients
Jerry Shields

2:24 p.m. Potential Pitfalls in Measuring the Thickness of Small Choroidal Melanocytic Tumors With Ultrasonography
K. Bailey Freund
2:32 p.m. Diffuse Versus Non-Diffuse Small (<3 Millimeters Thickness) Choroidal Melanoma: Comparative Analysis in 1751 Cases
Carol Shields

2:40 p.m. The Effect of Clinical Risk Factors on Time to Metastasis in Patients with Uveal Melanoma Treated with Proton Therapy
Evangelos Gragoudas

2:48 p.m. Visual Outcomes after Proton Beam Irradiation for Choroidal Melanomas Involving the Macula: Effect of Radiation Dose Reduction
Ivana Kim

2:56 p.m. Preventing Neovascular Glaucoma in Uveal Melanoma with Ischemic Retinal Detachment by Associating Anti-VEGFs to Proton Therapy
Leonidas Zografos

3:04 p.m. Outcomes of Plaque with Vitrectomy and Silicone Oil in Choroidal Melanoma
Tara McCannel

3:12 p.m. Association Between Genetic Mutations and Clinical Outcomes in Uveal Melanoma
J. William Harbour

3:20 p.m. Ocular Lymphocytosis and Sarcoidosis as a Paraneoplastic Manifestation of Systemic Cancer
Jose Pulido

3:28 p.m. Uveal Lymphoma: Diagnostic Features
Arun Singh

SESSION IX
Uveitis and Tumors II

Moderator: Robert Nussenblatt

3:36 p.m. Fundus Autofluorescence Patterns in Patients with Primary Vitreoretinal Lymphoma
Robert Nussenblatt

3:44 p.m. Advanced Coats’ Disease Treated with Intravitreal Bevacizumab Combined with Indirect Laser Vascular Ablation
Timothy Murray

3:52 p.m. Fluorescein Angiography-Guided Laser Treatment in Coats’ Disease and Familial Exudative Vitreoretinopathy
Audina Berrocal
4:00 p.m. Ocular Complications in Patients with Plasma Cell Dyscrasia and Light Chain Deposition Disease (LCDD)
   Anita Leys

4:08 p.m. Autoimmune Retinopathy: Clinical Features and Prognosis
   H. Nida Sen

4:16 p.m. AZOOR: Revisited
   Lawrence Yannuzzi

4:24 p.m. Clinical Profile of Acute Zonal Occult Outer Retinopathy (AZOOR)
   Anita Agarwal

4:32 p.m. Spectral Domain-Optical Coherence Tomography Findings in Acute Syphilitic Posterior Placoid Chorioretinopathy
   Antonio Ciardella

4:40 p.m. Activated Histoplasmosis Scars
   James Folk

4:48 p.m. Is it Advanced Posterior Uveitis or End Stage Disease: Who do you not Treat? Multiple Case Scenarios with Three-Year Follow-up Analyzed by an Expert Panel
   Shree Kurup

4:56 p.m. 12-Month Results of the SAVE Study - Sirolimus as Therapeutic Approach to Uveitis: A Randomized Study to Assess the Safety and Bioactivity of Intravitreal and Subconjunctival Injections of Sirolimus in Patients with Non-infectious Uveitis
   Quan Nguyen

SATURDAY, MARCH 2, 2013

SESSION X
Basic Science/AMD and Diabetic Retinopathy

Moderator: Sophie Bakri

7:30 a.m. Subretinal Drusenoid Deposit: The Other Half of AMD Pathology
   Christine Curcio

7:38 a.m. The Role of P38 in the Regulation of RPE Cell-Cycle as a Model for Dry AMD
   Ayala Pollack

Moderator: Kim Drenser
7:46 a.m.  A2E Toxicity Analysis of Patient-Specific RPE Cells  
Stephen Tsang

7:54 a.m.  Rap1 GTPase Improves RPE Barrier Integrity and Resists Choroidal Neovascularization  
Mary Elizabeth Hartnett

8:02 a.m.  A New Quantitative Imaging Analysis Tool for Choroidal Neovascularization Area Measurements  
Jennifer Kang-Mieler

8:10 a.m.  The Relationship Between the Aqueous Humor Concentrations of Inflammatory Cytokines and Posterior Vitreous Detachment in Age-Related Macular Degeneration  
Yasuio Yanagi

8:18 a.m.  Angiogenesis Promotes Neurogenesis of the Retina  
Kimberly Drenser

8:26 a.m.  Penetration and Transportation of Intravitreal Bevacizumab and Ranibizumab into the Optic Nerve of the Fellow Eye  
Sophie Bakri

8:34 a.m.  Monocyte Trafficking in Retina: A Novel Target in Early Diabetic Retinopathy  
Arup Das

8:42 a.m.  Circulating MicroRNAs of Aqueous and Vitreous as Putative Novel Diagnostic Biomarkers for Diabetic Retinopathy  
Lawrence Morse

SESSION XI
Macular Diseases and Surgery

Moderator: Baruch Kuppermann  
Moderator: Peter Kaiser

8:50 a.m.  Multimodal Imaging in Persistent Placoid Maculopathy  
Lee Jampol

8:58 a.m.  Visual and Anatomic Results of the Macula Society Photodynamic Therapy (PDT) for Central Serous Chorioretinopathy (CSC) Retrospective Study  
Jennifer Lim

9:06 a.m.  Evolution of Vitreomacular Detachment in Normal Subjects  
Shoji Kishi
9:14 a.m. Ocriplasmin Therapy for Pharmacologic Resolution of Symptomatic Vitreomacular Adhesion (VMA) in Clinical Candidates for Vitrectomy  
Baruch Kuppermann

9:22 a.m. Characterization of Full-Thickness Macular Holes (FTMH) in the MIVI-TRUST Program: An Optical Coherence Tomography (OCT) Analysis of Ocriplasmin Efficacy  
Peter Kaiser

9:30 a.m. Cystoid Dehydration and Closure of Macular Holes Without Surgery  
Ronald Gentile

9:38 a.m. Internal Limiting Membrane (ILM) Peeling Versus no Peeling for the Treatment of Idiopathic Full-Thickness Macular Hole (FTMH): A Systematic Review and an Individual Patient Data (IPD) Meta-Analysis  
Noemi Lois

9:46 a.m. Morphological Change of Inner Retinal Layer on Spectral Domain Optical Coherence Tomography following Macular Hole Surgery  
Hyung Woo Kwak

9:54 a.m. Changes of ILM Stiffness after Staining with Brilliant Blue and Indocyanine Green  
Christos Haritoglou

10:02 a.m. Assessment of Microarchitectural Retinal Dynamics of Epiretinal Membrane Surgery Utilizing Intraoperative Optical Coherence Tomography  
Justis Ehlers

10:10 a.m. One-year Results of the Prospective Retinal and Optic Nerve Vitrectomy Evaluation (PROVE) Study: A Controlled Clinical Trial  
Stephen Kim

10:18 a.m. Efficiency of Silicone Oil Aspiration Across Gauges  
Colin McCannel

10:26 a.m. Spectral Domain Optical Coherence Tomography Patterns of Pseudophakic Cystoid Macular Edema  
Michaella Goldstein
10:34 a.m. Functional and Anatomical Outcomes of Tissue Plasminogen Activator (tPA) Treatment for Submacular Hemorrhage Associated with Exudative Macular Degeneration (ExAMD): A Comparative Analysis Between Intra-vitreal and Sub-retinal tPA injected Patients
Shlomit Schaal

10:42 a.m. Break

SESSION XII
ROP/Miscellaneous

Moderator: Tim Olsen

10:50 a.m. EcROP: Modeling the Region Specific Societal and Economic Impact of Evidence-Based Care for Retinopathy of Prematurity
Timothy Olsen

10:58 a.m. Intravitreal Ranibizumab for Retinopathy of Prematurity
Caroline Baunal

11:06 a.m. Hot or Rot: Black-market and Counterfeit Drugs
Robert Braunstein

11:14 a.m. Factors Associated with Malpractice Outcomes of Retained Lens Fragments
Judy Kim

11:22 a.m. Did Maculopathy Affect Degas’ Sculpture?
Michael Marmor

SESSION XIII
Basic Science/Drug Delivery/Inherited Retinal Disease

Moderator: William Mieler

11:30 a.m. Inner Retinal Oxygen Consumption in Hypoxia
Norman Blair

11:38 a.m. Retinal Drug Discovery: Molecular Rheostats
Shalesh Kausbal

11:46 a.m. Microglial Inhibition as a Therapeutic Strategy for Retinal Disease
Wai Wong
11:54 p.m. Injectable Hydrogel for Sustained Drug Delivery for Retinal Diseases. A Viable Strategy?  
*Thomas Friberg*

12:02 p.m. Retinal Contributions to Refractive Development  
*Wallace Foulds*

12:10 p.m. Visual Outcomes of Cataract Extraction in Patients with Retinitis Pigmentosa  
*William Mieler*

12:18 p.m. The Clinical and Electrophysiological Features of Patients with Occult Maculopathy and Heterozygous RP1L1 Variants  
*Anthony Robson*

12:26 p.m. A Phenotype-Genotype Correlation Study of X-Linked Retinoschisis  
*Graham Holder*

12:34 p.m. Docking of Photoreceptor Outer Segments and Lack of Docking in Best Affected Subjects Shown by Three-dimensional Analysis of SD-OCT  
*Michael Abramoff*

12:42 p.m. **End of Session and Meeting**