## Case Conference

**Date:** Wednesday, February 27, 2013  
**Time:** 2:00 PM - 2:40 PM  
**Location:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors and Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM - 2:05 PM</td>
<td>Dangerous Floaters          (7)</td>
<td>Carol Shields, Wills Eye Hospital (United States)</td>
</tr>
<tr>
<td>2:05 PM - 2:10 PM</td>
<td>beyond the visible          (13)</td>
<td>Jose Pulido, Mayo Clinic (United States)</td>
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<td>Diva Salomao, Mayo Clinic (United States)</td>
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<tr>
<td>2:10 PM - 2:15 PM</td>
<td>Birdshot Lesions in a Patient without Birdshot  (21)</td>
<td>Robert Johnson (United States)</td>
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<tr>
<td>2:15 PM - 2:20 PM</td>
<td>CAR or Drug Toxicity         (23)</td>
<td>Lee Jampol, Northwestern University (United States)</td>
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<tr>
<td>2:20 PM - 2:25 PM</td>
<td>One condition or two        (24)</td>
<td>Salomon Cohen, Centre d'Imagerie et de Laser (France)</td>
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<td>Ghislaine Ducos de Lahitte, Centre d'Ophthalmologie, Toulouse</td>
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<tr>
<td>2:25 PM - 2:30 PM</td>
<td>Paraneoplastic melanocytic proliferation treated with plasmapheresis (31)</td>
<td>Anita Leys, University Hospital St. Rafael (Belgium)</td>
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<td>Catherine Francais, CENTRE OPHTALMOLOGIQUE DE L'ODEON (France)</td>
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<tr>
<td>2:30 PM - 2:35 PM</td>
<td>Mistery Case                (36)</td>
<td>Antonio Ciardella (Italy)</td>
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<td>Francesco Pichi, San Giuseppe Hospital (Italy)</td>
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<tr>
<td>2:35 PM - 2:40 PM</td>
<td>Acute Exudative Polymorphous Vitelliform Maculopathy in a Young Man (37)</td>
<td>Daniel Roth, Robert Wood Johnson Medical School (United States)</td>
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<tr>
<td>Time</td>
<td>Title</td>
<td>Presenters</td>
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<tr>
<td>2:40 PM - 2:45 PM</td>
<td>Central Serous Chorioretinopathy or Age-related Macular Degeneration? (55)</td>
<td>Daniel Roth, Robert Wood Johnson Medical School (United States)</td>
</tr>
<tr>
<td>2:45 PM - 2:50 PM</td>
<td>Too much light can be blinding (68)</td>
<td>Mathew MacCumber, Illinois Retina Associates, S.C. (United States)</td>
</tr>
<tr>
<td>2:50 PM - 2:55 PM</td>
<td>Early onset AMD or late CSR – an unresolved question (69)</td>
<td>Ayala Pollack, Kaplan Hospital (Israel)</td>
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<tr>
<td>2:55 PM - 3:00 PM</td>
<td>H is for ...? (77)</td>
<td>Stephen Schwartz, University of Miami Miller School of Medicine (United States)</td>
</tr>
<tr>
<td>3:00 PM - 3:05 PM</td>
<td>Retinal Vascular Stasis Secondary to Vitreo-retinal Traction in Retinopathy of Prematurity (82)</td>
<td>Amir Kashani, Associated Retinal Consultants and Beaumont Health System (United States) Emmanuel Chang, Associated Retinal Consultants and Beaumont Health System Michael Trese Antonio Capone, Jr., Associated Retinal Consultants (United States) Kimberly Drenser (United States) George Williams, Oakland University William Beaumont School Of Medicine (United States)</td>
</tr>
<tr>
<td>3:05 PM - 3:10 PM</td>
<td>Hearing loss and a fundus lesion (84)</td>
<td>Jerry Shields, Wills Eye Hospital-Oncology Service (United States)</td>
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<tr>
<td>3:10 PM - 3:15 PM</td>
<td>Unusual Distribution of Multifocal Vitelliform Lesions (87)</td>
<td>Anita Agarwal, Vanderbilt Eye Institute (United States)</td>
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<tr>
<td>3:15 PM - 3:20 PM</td>
<td>Spontaneous massive uveal effusion (88)</td>
<td>Michael Goldbaum, UCSD, Shiley Eye Center (United States)</td>
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<tr>
<td>3:20 PM - 3:25 PM</td>
<td>Silicone oil and peripheral vascular leakage after retinal detachment repair (92)</td>
<td>Thomas Friberg, Eye and Ear Institute, The (United States)</td>
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<tr>
<td>3:25 PM - 3:30 PM</td>
<td>8-Ball Hyphema following intravitreal injection of Ranibizumab for Branch Retinal Vein Occlusion (101)</td>
<td>Rishi Singh, Cole Eye Institute, Cleveland Clinic (USA)</td>
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<tr>
<td>3:30 PM - 3:35 PM</td>
<td>Unilateral Central Visual Loss (102)</td>
<td>Gaetano Barile, Manhattan Eye, Ear, &amp; Throat Hospital (United States)</td>
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<tr>
<td>3:35 PM - 3:40 PM</td>
<td>Yet... Another Case of White and Not-So-White Dots (105)</td>
<td>Quan Nguyen, Johns Hopkins University &amp; Hospital (United States)</td>
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<tr>
<td>3:40 PM - 3:45 PM</td>
<td>Acute Macular Neuroretinopathy (108)</td>
<td>Caroline Baunai, New England Eye Center, Tufts University (United States)</td>
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<tr>
<td>3:45 PM - 3:50 PM</td>
<td>A mystery case (112)</td>
<td>Vishali Gupta (India)</td>
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<tr>
<td>3:50 PM - 3:55 PM</td>
<td>A patient with unusual fundus autofluorescence imaging (113)</td>
<td>Graham Holder, Moorfields Eye Hospital (United Kingdom)</td>
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<tr>
<td>3:55 PM - 4:00 PM</td>
<td>Mystery Case (119)</td>
<td>David Sarraf, Jules Stein Eye Institute (United States)</td>
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<tr>
<td>4:00 PM - 4:05 PM</td>
<td>Value of the Retinal Examination after Non Contributory Multiple Invasive Procedures over 8 Months in a15 year old (120)</td>
<td>Vishali Gupta (India)</td>
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<tr>
<td>4:05 PM</td>
<td>Vision loss in a young woman</td>
<td>David Weinberg, Medical College of Wisc. (United States)</td>
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<tr>
<td>4:10 PM</td>
<td>Unusual Intraocular Tumor</td>
<td>Arun Singh, Cleveland Clinic Foundation (United States)</td>
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<td>4:15 PM</td>
<td>Macular Pucker with Intraocular Tumor</td>
<td>Tara McCannel, UCLA, Jules Stein Eye Institute (United States)</td>
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<tr>
<td>4:20 PM</td>
<td>Choroidal Nevus and...</td>
<td>Shree Kurup (United States)</td>
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<td>4:25 PM</td>
<td>Retinoschisis in Diabetic Retinopathy</td>
<td>Giovanni Staurenghi (Italy)</td>
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<td>4:30 PM</td>
<td>Intraocular mass</td>
<td>J. William Harbour, Bascom Palmer Eye Institute (United States)</td>
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<td>4:35 PM</td>
<td>Mystery Case</td>
<td>William Mieler, University of Illinois at Chicago (United States)</td>
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<td>4:40 PM</td>
<td>An atypical case of Optic neuropathy</td>
<td>Michael Singer, Medical Center Ophthalmology Associates (United States)</td>
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<td>4:45 PM</td>
<td>Static Pressure and Pascal's Law Meet the Retina</td>
<td>Colin McCannel (United States)</td>
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<td>4:50 PM</td>
<td>Central retinal artery occlusion post partum: Clinical presentation of potentially deadly predominantly female disorder</td>
<td>Shree Kurup (United States)</td>
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<tr>
<td>4:55 PM</td>
<td>Retinal Structure in Vitamin A Deficiency as Revealed with Spectral Domain Optical Coherence Tomography</td>
<td>Alexander Brucker, Scheie Eye Institute (United States)</td>
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### Imaging

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<tr>
<td>5:00 PM</td>
<td>Fluoro Microangiography – First Clinical Studies of Fluorescein Angiography using Adaptive Optic Scanning Laser Ophthalmoscopy</td>
<td>Richard Rosen, New York Eye and Ear Infirmary (United States)</td>
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<td>Alfredo Dubra, Medical College of Wisconsin (United States)</td>
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<td>Rishard Weltz, New York Eye and Ear Infirmary (United States)</td>
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<td>Joseph Carroll, Medical College of Wisconsin (United States)</td>
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<td>Michael Dubow, New York Eye and Ear Infirmary</td>
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<td>Alexander Pinhas, New York Eye and Ear Infirmary</td>
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<td>Nishit Shah, New York Eye and Ear Infirmary</td>
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<td>Nicole Scripsema, New York Eye and Ear Infirmary</td>
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<td>Joseph Walsh, New York Eye &amp; Ear Infirmary</td>
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<td>Toco Chui, Indiana University School of Optometry</td>
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<td>Stephen Burns, Indiana University School of Optometry</td>
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<td>Patricia Garcia, New York Eye and Ear Infirmary</td>
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<tr>
<td>5:08 PM</td>
<td>Megahertz OCT for wide-field high resolution imaging in macular diseases</td>
<td>Anselm Kampik (Germany)</td>
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<td>Aijoscha Neubauer, Augenklinik der LMU, München</td>
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<td>Robert Huber, Department of Physica, LMU, München</td>
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<tr>
<td>5:16 PM</td>
<td>Assessment of retinal architecture in early diabetes using adaptive optics retinal imaging</td>
<td>Ravi Singh, Medical College of Wisconsin</td>
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<tr>
<td>5:24 PM - 5:32 PM</td>
<td>Hyperreflective OCT Spots as Biomarker of Microglial Activation in the Retina of Diabetics Without and With Early Retinopathy</td>
<td>Edoardo Midena (Italy), Silvia Bini, University of Padova, Giulia Midena, University Campus Biomedico, Italy, Marianna Berton, University of Padova, Elisabetta Pilotto, University of Padova (Italy), Raffaele Parrozzani, GB Bietti Foundation, IRCCS, Italy (Italy), Stella Vujosevic, Fondazione GB Bietti per l'Oftalmologia (Italy)</td>
</tr>
<tr>
<td>5:32 PM - 5:40 PM</td>
<td>Equations to Convert Retinal Thickness Measurements from Spectral Domain OCT Machines to “Equivalent” Time Domain OCT Measurements</td>
<td>Dennis Marcus, Southeast Retina Ctr. (United States)</td>
</tr>
<tr>
<td>5:40 PM - 5:48 PM</td>
<td>Topographical analyses of tilted disc syndrome by using 3D MRI and swept-source OCT</td>
<td>Kyoko Ohno-Matsui (Japan)</td>
</tr>
<tr>
<td>5:48 PM - 5:56 PM</td>
<td>Diurnal Variation of Macular Choroidal Volume in Healthy Volunteers</td>
<td>Lihteh Wu, Instituto de Cirugía Ocular (Costa Rica)</td>
</tr>
<tr>
<td>5:56 PM - 6:04 PM</td>
<td>Choroidal Thickness in Adult Onset Foveomacular Vittelliform Dystrophy versus Dry and Exudative Age-related Macular Degeneration</td>
<td>Gabriel Coscas, Eye University Clinic, Hospital of Creteil (France), Florence Coscas, MD (France), Catherine Francais, CENTRE OPHTALMOLOGIQUE DE L'ODEON (France), Mayer SROUR, crétell, paris est, Nathalie Puche (France), Giuseppe Querques (France), Gerard MIMOUN, crétell, paris est, Eric Souded, Hopital Intercommunal, University Paris Est Creteil (France)</td>
</tr>
<tr>
<td>6:04 PM - 6:12 PM</td>
<td>Pilot Study of Choroidal Vascular Quantification Using En Face OCT</td>
<td>Amani Fawzi, Northwestern University, Feinberg School of Medicine (USA), Mahsa Sohrab, Northwestern University, Feinberg School of Medicine</td>
</tr>
<tr>
<td>6:12 PM - 6:20 PM</td>
<td>“En face” OCT imaging in Type 2 Idiopathic Macular Telangiectasia</td>
<td>Martine Mauget-Faysse (France), Wolff Benjamin (France), Jose Sahel, Institut de la Vision (France)</td>
</tr>
<tr>
<td>6:20 PM - 6:28 PM</td>
<td>Studying the Progression of Retinal Vascular Changes associated with Macular Telangiectasia in 3-Dimension using Power-doppler OCT</td>
<td>Susanna Park, University of California Davis Eye Center (United States), Eric Chin, University of California Davis Eye Center (United States), Dae Yu Kim, University of California Davis, Allan Hunter, University of California Davis Eye Center, Suman Pilli, University of California Davis Eye Center, Robert Zawadzki (United States), John Werner, University of California Davis Eye Center (United States)</td>
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<tr>
<td>6:28 PM - 6:36 PM</td>
<td>Assessing the reliability and repeatability of a commercially available flood-illuminated adaptive optics camera – Is it ready for clinical trials?</td>
<td>Mark Pennesi, Casey Eye Institute (United States), Ambar Faridi, Oregon Health and Science University (United States), Shu Feng, Oregon Health Science University, Keith Michaels, Oregon Health &amp; Science University, Travis Smith, Oregon Health &amp; Science University, Jonathan Fay, Casey Eye Institute</td>
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<tr>
<td>6:36 PM - 6:44 PM</td>
<td>The photobleaching effect in evaluation of fundus autofluorescence</td>
<td>Giovanni Staurenghi (Italy), Alessandro Mantovani, Ospedale Valduce Como, Carl Herbst, 2) Inflammatory Eye Diseases, Centre for Ophthalmic Specialized Care (COS), Lausanne, Switzerland, Ferdinando Bottoni, Eye Clinic, Dep of Biomedical and Clinical Science “Luigi Sacco” Ospedale Sacco Milano Italy</td>
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<tr>
<td>6:44 PM - 6:52 PM</td>
<td>A Novel High-Speed and High Resolution Optical Coherent Tomography: a Preliminary Report</td>
<td>Shin Yoneya, Saitama Medical School (Japan), Gholam Peyman, University of Arizona, Arizona State University, Associated Retinal Consultants (United States), Hiroto Kuroda, Saitama Medical University</td>
</tr>
</tbody>
</table>
7:30 AM - 7:38 AM  Rod-Mediated Dark Adaptation as a Functional Outcome Measure in the Study of Age-Related Macular Degeneration
Catherine Cukras (USA)
E. Lauren Doss, National Institutes of Health
Elvira Agron, National Institutes of Health
Wai Wong, National Eye Institute, NIH (United States)
Emily Chew, National Institute of Health (United States)

7:38 AM - 7:46 AM  The Role of the Choroidal Thickness in Determining Scotopic and Photopic Sensitivities in Various Stages of Age-related Macular Degeneration (AMD)
Karl Csaky, Texas Retina Associates (United States)

7:46 AM - 7:54 AM  RETICULAR GENETICS UPDATE
R Theodore Smith, New York University (United States)
Sucharita Boddu, NYU School of Medicine
Marcela Marsigilia, Vitreous, Retina, Macula Consultants of New York (United States)
Michele Lee, Columbia University
K. Freund, Vitreous Retina Macula Consultants of New York (United States)

7:54 AM - 8:02 AM  Genetic Analysis of Concordant Versus Discordant Age-Related Macular Degeneration
Stephen Schwartz, University of Miami Miller School of Medicine (United States)
Lana Olson, CHGR (United States)
Arghavan Almony, Washington University School of Medicine (United States)
Mathew MacCumber, Illinois Retina Associates, S.C. (United States)

8:02 AM - 8:10 AM  A Comparison of Two Commercially Available Genetic Tests for Age-Related Macular Degeneration
Nancy Holekamp, Barnes Retina Institute (United States)

8:10 AM - 8:18 AM  Complement factor H genotype in atrophic and neovascular AMD: implications for pathophysiology and genetic testing
Robert Mullins, University of Iowa (United States)
H. Boldt, University of Iowa Hospital & Clinics (United States)
Stephen Russell, The University of Iowa (United States)
Michael Abramoff, University of Iowa Hospital and Clinics, PFP 11290C (United States)
Vinit Mahajan, Univ of Iowa Hospitals and Clinics (United States)
Elliott Sohn, University of Iowa (United States)
Kai Wang, The University of Iowa
Todd Scheetz, The University of Iowa
Edwin Stone, University of Iowa Hospitals & Clinics (United States)

8:18 AM - 8:26 AM  Value of Genetic and Clinical Features in Predicting Progression to Advanced Age-related Macular Degeneration (AMD)
Franco Recchia, Tennessee Retina (United States)
Peter Kaiser, Cole Eye Institute (United States)
Lawrence Singerman, Retina Associates of Cleveland (United States)

8:26 AM - 8:34 AM  Subclassification of AMD patients based on metabolic characteristics
Milam Brantley, Vanderbilt University (United States)
Paul Sternberg, Jr., Vanderbilt Eye Institute (United States)
Youngja Park, Emory University School of Medicine (United States)
Dean Jones, Emory University School of Medicine (United States)

8:34 AM - 8:42 AM  Periodontal Disease and Age-related Macular Degeneration
Jorge Arroyo, Beth Israel Deaconess Medical Center (United States)
Sushant Wagley, BIDMC

8:42 AM - 8:50 AM  NSAID Use and Risk of Age-related Macular Degeneration
Donald Fong, Kaiser-Permanente Medical Center (United States)

8:50 AM - 8:58 AM  Progression of Geographic Atrophy in the COMPLETE Study
Philip Rosenfeld, Bascom Palmer Eye Institute, University of Miami Miller School of Medicine (United States)
Renata Portella Nunes, Bascom Palmer Eye Institute, University of Miami Miller School of Medicine
Zohar Yehoshua, Bascom Palmer Eye Institute (United States)
Giovanni Gregori (United States)
Neovascular AMD

Date: Thursday, February 28, 2013
Time: 8:58 AM - 10:18 AM
Location:

8:58 AM - 9:06 AM  Analysis of Single Nucleotide Polymorphisms Profile for Eyes with Vascularized Pigment Epithelial Detachment due to AMD (182)
   Clement Chan, Southern California Desert Retina Consultants and Inland Retina Consultants (United States)
   David Sarraf, Jules Stein Eye Institute (United States)
   Prema Abraham, Black Hills Regional Eye Institute (United States)
   Steven Lin, Southern California Desert Retina Consultants (United States)
   Maziar Lalezary, Vanderbilt Eye Institute (United States)
   Kang Zhang, University of California at San Diego School of Medicine, and VASDHS (United States)
   Duy Nguyen

9:06 AM - 9:14 AM  Peripapillary Pigmentary Changes in Neovascular Age-related Macular Degeneration (nAMD) (20)
   Salomon Cohen, Centre d'Imagerie et de Laser (France)
   Lise Dubois-Ciussi (France)
   Sylvia Nghiem-Buffet (France)
   Franck Fajnkuchen (France)
   Corinne Delahaye-Mazza
   Typhaine Grenet, Centre d'Imagerie et de Laser
   Gabriel Quentel, Centre d'Imagerie et de Laser
   Ramin Tadayoni, Hôpital Lariboisière, Paris

9:14 AM - 9:22 AM  The Composition of the Vitreous Proteome in Patients with Wet AMD Can Differentiate Between CNV and RAP: An Important New Diagnostic Tool (41)
   Bert Glaser, Bert M. Glaser National Retina Institute (United States)
   Stephanie Ecker, Bert M. Glaser National Retina Institute (United States)
   Joshua Hines, Bert M. Glaser National Retina Institute (United States)

9:22 AM - 9:30 AM  Optical Coherence Tomography and Fluorescein Angiography in the diagnosis of new-onset neovascular Age-Related Macular Degeneration. A comparative study (94)
   Alain Gaudric, Hospital Lariboisiere, University Paris 7 (France)
   Vincent Gualino, Hopital Lariboisière
   Salomon Cohen, l'hôpital LARIBOISIERE (France)
   Ali Erginay, Hopital Lariboisière
   Belkacem Haouchine, Hopital Lariboisiere
   Valérie Krivosic, Hopital Lariboisière, University Paris 7 (France)
   Gabriel Quentel (France)
   Ramin Tadayoni, Hospital Lariboisiere, University Paris 7

9:30 AM - 9:38 AM  Multilayered Pigment Epithelial Detachment: A New OCT Finding in Neovascular AMD (118)
   David Sarraf, Jules Stein Eye Institute (United States)
   Ehsan Rahimy, Jules Stein Eye Institute, UCLA
   K. Freund, Vitreous Retina Macula Consultants of New York (United States)
   Rogerio Costa, Centro Brasileiro de Ciencias Visuais (Brazil)
   Richard Spaide (United States)
   Quan Hoang, Vitreous Retina Macula Consultants of New York (United States)

9:38 AM - 9:46 AM  Lesion reflectivity as a parameter for assessment of disease activity in eyes with neovascular age-related macular degeneration (152)
   Srinivas Sadda, USC Ophthalmology/Doheny Eye Inst. (United States)

9:46 AM - 9:54 AM  Break

9:54 AM - 10:02 AM  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 (71)
   Allen Ho, Mid Atlantic Retina (United States)
   Zhengrong Li (United States)
   Phillip Lai (United States)

10:02 AM - 10:10 AM  Early vs Delayed 15-Letter Responders to Ranibizumab Treatment in Year 1 of the HARBOR Study (74)
   Gregg Kokame, The Retina Center at Pali Momi (United States)
   Richard Dreyer, Retina Northwest, Portland, Oregon
   Glenn Stoker (United States)
   Howard Shapiro, Genentech, Inc. (United States)
   Dafeng Chen, Genentech (United States)
   Lisa Tuomi, Genentech (United States)

10:10 AM - 10:18 AM  Association of Best-corrected Visual Acuity (BCVA) gains at Month 12 in HARBOR with Change in Choroidal Neovascularization (CNV) Area from Baseline (78)
10:18 AM - 10:26 AM  
*Association of Baseline Lesion Size with Best-Corrected Visual Acuity (BCVA) at Month 12 in Ranibizumab Studies*  
Anthony Adams, Genentech (United States)  
Linda Yau (United States)  
Jill Hopkins (United States)

10:26 AM - 10:34 AM  
*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, Oxford University Hospital (United Kingdom)  
Winfried Amoaku, University of Nottingham  
Jonathan Atsop, Numerus Ltd, Wokingham, UK  
Aaron Osborne, Novartis Pharma AG, Basel, Switzerland

10:34 AM - 10:42 AM  
*Serious adverse events in the IVAN trial*  
Usha Chakravarthy, Royal Victoria Hospital (Northern Ireland)  
Simon Harding, University of Liverpool (United Kingdom)  
Andrew Lotery, University of Southampton (United Kingdom)  
IVAN trial Study Group (Ireland)

10:42 AM - 10:50 AM  
*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, The Emory Eye Center (United States)  
Vincent Ho, The Emory Eye Center, Emory University School of Medicine (United States)  
Timothy Olsen, Emory Eye Center (United States)  
Steven Yeh, The Emory Eye Center (United States)

10:50 AM - 10:58 AM  
*Conversion to aflibercept for refractory or recurrent neovascular age-related macular degeneration*  
John Loewenstein, Massachusetts Eye and Ear Infirmary (United States)  
Yoshihiro Yonekawa, Massachusetts Eye and Ear Infirmary  
John Miller, Massachusetts Eye and Ear Infirmary  
Christopher Andreoli, Harvard Vanguard Medical Associates  
Ivana Kim, Massachusetts Eye and Ear Infirmary (United States)

10:58 AM - 11:06 AM  
*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 Moshefeghi, California Vitreoretinal Center - Stanford University (United States)  
Seenu Hariprasad, University of Chicago (United States)  
Jeffrey Marx, Department of Ophthalmology, Lahey Clinic, Peabody, MA  
Jeffrey Heier, Ophthalmic Consultants of Boston (United States)

11:06 AM - 11:14 AM  
*Daily OCT examination after first intravitreal anti-VEGF injection: Implication for drug pharmacokinetics*  
Michel Farah, Universidade Federal de Sao Paulo (Brazil)  
Paula Barros  
Eduardo Novais, UNIFESP  
Emmerson Badaró, UNIFESP  
Renata Portella Nunes, UNIFESP (United States)  
Eduardo Rodrigues, UNIFESP

11:14 AM - 11:22 AM  
*Impact of the vitreous condition on the efficacy of antiangiogenic therapy*  
Ursula Schmidt-Erfurth, Medical University Vienna (Austria)  
Sebastian Waldstein, Medical University of Vienna, Dept. of Ophthalmology (Austria)  
Ulrike Mayr-Sponer, Medical University of Vienna, Dept. of Ophthalmology  
Michal Kundi, Medical University of Vienna (Austria)  
Markus Ritter, Medical University of Vienna (Austria)  
Christian Simader, Medical University of Vienna (Austria)

11:22 AM - 11:30 AM  
*Prospective audit of outcomes of treatment of exudative Macular Degeneration: The Fight Retinal Blindness Project*  
Mark Gillies, Save Sight Institute (Australia)

11:30 AM - 11:38 AM  
*Long-term Visual Acuity Stability in Eyes Treated with Anti-VEGF Therapy for Choroidal Neovascularization Associated with Macular Degeneration*  
John Thompson, Retina Specialists (United States)  
Erica Conlan, Retina Specialists (United States)

11:38 AM - 11:46 AM  
*Photodynamic therapy, anti-vascular endothelial growth factor therapy, and combination therapy for polypoidal choroidal vasculopathy*  
Hae Min Kang, Department of ophthalmology, Yonsei University College of Medicine  
Hyoung Jun Koh, Yonsei University, Severance Hospital (South Korea)

11:46 AM - 11:54 AM  
*A Prospective Study of Treatment Pattern and 12-Month Outcomes of neovascular age-related macular degeneration and polypoidal choroidal vasculopathy in Asians*  
Gemmy Cheung, Singapore National Eye Centre (Singapore)
Two-Year Results of Combined Intravitreal Ranibizumab and Photodynamic Therapy for Polypoidal Choroidal Vasculopathy

Tomohiro Iida, Tokyo Women's Medical University (Japan)
Masaaki Saito, Fukushima Medical University, School of Medicine (Japan)

11:54 AM - 12:02 PM

Ranibizumab versus verteporfin photodynamic therapy in the treatment of choroidal neovascularization secondary to myopia

Tien Wong, Singapore Eye Research Institute (Singapore)

12:02 PM - 12:10 PM

Choroidal Neovascularization Associated with Acquired Vitelliform Lesions

Ray Chowers, Hadassah Medical Center (Israel)
Edward Averbukh (Israel)
Eyal Banin, Hadassah-Hebrew University Medical Center (Israel)
Michelle Grunin, Hadassah Medical Center (Israel)
Tareq Jaouni (Israel)

12:10 PM - 12:18 PM

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, Retina Consultants of Arizona (United States)

12:26 PM - 12:34 PM

First-in-Human Results of a Refillable Drug Delivery Implant Providing Sustained Release of Ranibizumab in Patients with Neovascular AMD

Eugene de Juan Jr., ForSight Labs, LLC (United States)
Guna Laganovska, Riga Stradins University, Pauls Stradins Clinical University Hospital (Latvia)
Anat Loewenstein, Tel Aviv Medical Center (Israel)
Yair Alster, Tel-Aviv Medical Center (United States)
Signe Erickson, ForSight Vision4

12:34 PM - 12:42 PM

Stereotactic Radiotherapy for Neovascular Age-Related Macular Degeneration: Incidence and Impact of Microvascular Changes in the INTREPID Study

Jason Slakter, Vitreous-Retina-Macula Consultants of New York (United States)
Usha Chakravarthy, Royal Victoria Hospital (Northern Ireland)
Timothy Jackson, King's College, London

12:42 PM - 1:14 PM

Green Lecture

Gass Medal

12:50 PM - 1:14 PM


Neil Bressler, Wilmer Eye Institute (United States)
Rohit Varma, University of Southern California (United States)
Quan Doan, Outcomes Insights, Inc., Westlake Village, CA
Elizabeth Selvin, Johns Hopkins University Bloomberg School of Public Health
Michelle Gleeson, Outcomes Insights, Inc., Westlake Village, CA
Chantal Dolan, Genentech, Inc. (United States)
Jennifer Fine, Genentech (United States)
Shoshana Colman, Genentech, Inc. (United States)
Adam Turpcul, Genentech

1:14 PM - 1:22 PM

Implications of Far Peripheral Retinal Lesions Identified on Ultra-wide-field Imaging for Progression of Diabetic Retinopathy

Paolo Antonio Silva, Joslin Diabetes Center (Philippines)
Jennifer Sun, Joslin Diabetes Center (Philippines)
Lloyd Paul Aiello, Beetham Eye Institute (United States)
7:46 AM - 7:54 AM Intravitreal Ranibizumab for Diabetic Macular Edema with Prompt vs Deferred Laser Treatment: 3-year Randomized Trial Results (47)
Michael Elman, Elman Retina Group, P.A. (United States)

7:54 AM - 8:02 AM Impact of Ranibizumab through 36 Months on Patient-Reported Visual Function for Individuals with Diabetic Macular Edema Participating in RESTORE Extension Study (179)
Susan Bressler, The Johns Hopkins University School of Medicine (United States)
Paul Mitchell, University of Sydney (Australia)
Jennifer Petrillo, Novartis Pharmaceuticals Corporation, East Hanover, New Jersey, USA
Cheryl Coon, RTI Health Solutions, Research Triangle Park, North Carolina, USA (United States)
Alberto Ferriera, Novartis AG, Basel, Switzerland
Neil Bressler, Wilmer Eye Institute (United States)

8:02 AM - 8:10 AM Risk Factors for Worsening of Diabetic Retinopathy During Monthly Anti-VEGF Treatment in RIDE and RISE (96)
Jennifer Sun, Joslin Diabetes Center (United States)
Dafeng Chen, Genentech (United States)
Jill Hopkins (United States)
Jason Ehrlich, Genentech, Inc (United States)

8:10 AM - 8:18 AM Real-World Utilization of Anti-VEGFs in Diabetic Macular Edema and Retinal Vein Occlusion: Injection Frequency, Patient Monitoring, and Concomitant Therapy Use (62)
Szilard Kiss, Weill Cornell Medical College (United States)
Ying Liu, Allergan, Inc
Joseph Brown, IMS Health, Inc
Nancy Holekamp, Barnes Retina Institute (United States)
Aghhaban Almory, Caroline Eye Associates
Joanna Campbell, Allergan, Inc
Jonathan Kowalski, Allergan (United States)

8:18 AM - 8:26 AM The European Vitreo-Retinal Society Macular Edema Study (165)
Ron Adelman, Yale University School of Medicine (United States)
Didier Ducournau, EVRS

8:26 AM - 8:34 AM 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 (153)
Philip Hykin, Moorfields Eye Hospital (United Kingdom)
Tunde Peto, Moorfields Eye Hospital NHS Foundation Trust (United Kingdom)
Catey Bunce, Moorfields Eye Hospital
Graham Holder, Moorfields Eye Hospital (United Kingdom)
Catherine Egan, Moorfields Eye Hospital

8:34 AM - 8:42 AM Multicenter Evaluation of Navigated Laser to Reduce Anti-VEGF Injection Frequency in Diabetic Macular Edema (DME) (12)
William Freeman, UCSD Shiley Eye Center (United States)
Igor Kozak, University of California San Diego, Jacobs Retina Center
Marcus Ketnt, Ludwig-Maximilians University, Dept. of Ophthalmology, Munich, Germany
Stephanie Lu, University of California Irvine, Gavin Herbert Eye Institute
Michael Ober, Retina Consultants of Michigan (United States)
Marco Cortes, Instituto de Especialidades Oftalmologicas, Tijuana, Mexico
Giulio Bartesselli, University of California San Diego, Jacobs Retina Center
Sharif El Emam, University of California San Diego, Jacobs Retina Center

8:42 AM - 8:50 AM Is there a systemic risk of intravitreal anti-VEGF therapy in certain patient populations? (174)
Robert Avery, California Retina Consultants (United States)

8:50 AM - 8:58 AM Treatment Response to Novel Laser Protocol (OCT-guided selective focal laser) for Diabetic Macular Edema (45)
Oh Kwon, Retina Center of Nune Eye Hospital (South Korea)
Suk Ho Byeon, Institute of Vision Research, Department of Ophthalmology, Yonsei University College of Medicine

8:58 AM - 9:06 AM RANDOMIZED CLINICAL TRIAL EVALUATING INTRAVITREAL RANIBIZUMAB OR INTRAVITREAL SALINE FOR VITREOUS HEMORRHAGE FROM PROLIFERATIVE DIABETIC RETINOPATHY (51)
Kenneth Diddle (United States)

Endophthalmitis after Intravitreal Injection

Date: Friday, March 1, 2013
Time: 9:06 AM - 9:14 AM
Location: 

9:06 AM - 9:14 AM Endophthalmitis After Intravitreal Injections: Office-Based Setting and Operating Room Setting (46)
Francesco Boscia, Clinica Oculistica Università di Bari (Italy)
Homayoun Tabandeh, Retina-Vitreous Associates Medical Group (United States)
Alessandra Sborgia, University of Bari
### 9:14 AM - 9:22 AM

**Incidence of Presumed Endophthalmitis Following Intravitreal Injection Performed in the Operating Room: a retrospective multicenter study** (49)

- **Stephan Michels**, Triemli Hospital Zurich (Switzerland)
- **Heather Casparis**, Jules Gonin Eye Hospital

### 9:22 AM - 9:30 AM

**Bacterial cultures in endophthalmitis following intravitreal injection compared to pars plana vitrectomy** (168)

- **Sunir Garg**, The Retina Service of Wills Eye Institute (United States)
- **Michael Dotlin**, The Retina Service of Wills Eye Institute
- **Philip Storey**, The Retina Service of Wills Eye Institute
- **James Hsu**, The Retina Service of Wills Eye Institute

### 9:30 AM - 9:38 AM

**Fungal endophthalmitis outbreak from a compounding pharmacy: implications for fungal meningitis** (57)

- **Kent Small**, United States
- **Candy Chan**, Macula & Retina Institute (United States)

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### Vascular Occlusions

**Date:** Friday, March 1, 2013  
**Time:** 10:30 AM - 11:18 AM  
**Location:**

#### 10:30 AM - 10:38 AM

**Morphological Changes of Major Retinal Vessels in Eyes with Acute Branch Retinal Vein Occlusion** (32)

- **Akitaka Tsujikawa**, Kyoto University Graduate School of Medicine (Japan)

#### 10:38 AM - 10:46 AM

**Association of Outer Retinal Layer Morphology with Visual Acuity in Patients with Retinal Vein Occlusion** (129)

- **Ingrid Scott**, Penn State College of Medicine - Madison (United States)
- **Qian Peng**, University of Wisconsin-Madison
- **Ronald Danis**, University of Wisconsin-Madison
- **Barbara Blodi**, University of Wisconsin (United States)
- **Michael Ip**, University of Wisconsin Medical School (United States)

#### 10:46 AM - 10:54 AM

**Development of Venous Collaterals in the SCORE Study** (52)

- **David Weinberg**, Medical College of Wisc. (United States)
- **Aimee Wahle**, The EMMES Corporation
- **Michael Ip**, University of Wisconsin Medical School (United States)
- **Ingrid Scott**, Penn State College of Medicine (United States)
- **Paul VanVeldhuisen**, The EMMES Corporation
- **Barbara Blodi**, University of Wisconsin (United States)

#### 10:54 AM - 11:02 AM

**Collateral Vessel Presence in Branch and Central Retinal Vein Occlusions: Impact on Visual Acuity** (100)

- **Rishi Singh**, Cole Eye Institute, Cleveland Clinic (USA)
- **Tamara Lee**, Case University
- **Roman Rubio**, Genentech, Inc. (United States)
- **Linda Yau** (United States)

#### 11:02 AM - 11:10 AM

**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)** (27)

- **Tongalp Tezel**, UNIVERSITY OF LOUISVILLE, SCHOOL OF MEDICINE (United States)
- **Ozgul Karacan**, University of Louisville
- **Shlomit Schaal**, University of Louisville (United States)

#### 11:10 AM - 11:18 AM

**Effect of Alternate Ranibizumab Dosing Regimens on Visual and Anatomic Outcomes in Patients with Retinal Vein Occlusion – The SHORE study** (19)

- **Robert Johnson** (United States)
- **Linda Yau** (United States)
- **Gary Sternberg**, Genentech, Inc.
Comparison of bevacizumab versus ranibizumab for the initial reduction of central macular thickness in patients with retinal vein occlusions

Michael Singer, Medical Center Ophthalmology Associates (United States)
Steven Cohen, University of Texas Health Science Center San Antonio
Darren Bell, Medical Center Ophthalmology
Sylvia Groth, University of Minnesota Medical School

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 (United States)
Frank Holz, University of Bonn (Germany)
David Brown, Retina Consultants of Houston (United States)
Jeffrey Heier, Ophthalmic Consultants of Boston (United States)
W Clark, Palmetto Retina Center (United States)
Julia Haller, Wilts Eye Institute (United States)
Johann Roider, 2. Department of Ophthalmology, University of Kiel, Kiel, Germany
Yuichiro Ogura, Nagoya City University Graduate School of Medical Sciences (Japan)
Jean-Francois Korobelnik, Service d'Ophthalmologie, Hôpital Pellegrin (France)
Christian Smader, Medical University of Vienna (Austria)

Retrospective Study of Two or More Dexamethasone Intravitreal Implant 0.7 mg Injections for Retinal Vein Occlusion

Daniel Roth, Robert Wood Johnson Medical School (United States)
Antonio Capone, Jr., Associated Retinal Consultants (United States)
Michael Singer, Medical Center Ophthalmology Associates (United States)
David Dodwell, Illinois Retina Center
Richard Dreyer, Retina Northwest, Portland, Oregon
Kean Oh, Associated Retinal Consultants
John Walt, Allergan
Lanita Scott, Allergan
David Holland, Allergan, Inc. (United States)

Progression of Retinal Nonperfusion in Patients with Retinal Vein Occlusion

Peter Campochiaro, Johns Hopkins Hospital (United States)
Raafay Sophie, Wilmer Eye Institute (United States)
Gulnar Hafiz, Wilmer Eye Institute (United States)
Adrienne Scott, Wilmer Institute
Ingrid Zimmer-Galler, Wilmer Institute
Quan Nguyen, Johns Hopkins University & Hospital (United States)
Howard Ying, Wilmer Institute
Diana Do, Johns Hopkins University School of Medicine (United States)
Sharon Solomon, Wilmer Eye Institute (United States)
Akrit Sodhi, Wilmer Eye Institute
Adam Wenick, Wilmer Institute (United States)
David Baranano, Wilmer Eye Institute

Capillary Non-perfusion in Pre-Proliferative (Ischemic) CRVO Treated with Ranibizumab in the RAVE (Rubeosis Anti-VEgf) Trial

David Brown, Retina Consultants of Houston (United States)
Daniel Croft, Retina Consultants of Houston
Charles Wykoff, Retina Consultants of Houston

Uveitis and Tumors

Date: Friday, March 1, 2013
Time: 2:00 PM -
Location:

2:00 PM - 2:08 PM Confusion Concerning Unilateral Retinal Pigment Epithelial Dysgenesis

H. McDonald, West Coast Retina Medical Group (United States)
Paul Stewart, West Coast Retina Medical Group
Sara Haug, West Coast Retina Medical Group
Jay Duker, New England Eye Center

2:08 PM - 2:16 PM Ophthalmic Artery Chemosurgery for Retinoblastoma Prevents New intraocular Tumors

David Abramson, Memorial Sloan-Kettering Cancer Center (United States)
Pierre Gobin, Weil Cornell Medical School
Brian Marr, Memorial Sloan-Kettering Cancer Center (United States)
Ira Dunkel, Memorial Sloan-Kettering Cancer Center
Jasmine Francis, Memorial Sloan-Kettering Cancer Center
Scott Brodie, Mt Sinai School of Medicine/ MSKCC
Retinal vasoproliferative tumors in patients with neurofibromatosis. An analysis of 5 patients
Jerry Shields, Wills Eye Hospital-Oncology Service (United States)
Marco Pellegrini, Wills Eye Institute
Swathi Kaliki, Wills Eye Institute
Carol Shields, Wills Eye Hospital (United States)

Potential Pitfalls in Measuring the Thickness of Small Choroidal Melanocytic Tumors With Ultrasonography
K. Freund, Vitreous Retina Macula Consultants of New York (United States)
Sarah Mrejen, Vitreous Retina Macula Consultants of New York
Adrian Fung, Vitreous Retina Macula Consultants of New York (United States)

Diffuse versus non-diffuse small (< 3 millimeters thickness) choroidal melanoma: Comparative analysis in 1751 cases
Carol Shields, Wills Eye Hospital (United States)
Swathi Kaliki, Wills Eye Institute
Minoru Furuta, Wills Eye Institute
Jerry Shields, Wills Eye Hospital-Oncology Service (United States)

The Effect of Clinical Risk Factors on Time to Metastasis in Patients with Uveal Melanoma Treated with Proton Therapy
Evangoulos Gragoudas, Massachusetts Eye and Ear Infirmary (United States)
Anne Marie Lane, Massachusetts Eye and Ear Infirmary (United States)
Ivana Kim, Massachusetts Eye and Ear Infirmary (United States)

Visual outcomes after proton beam irradiation for choroidal melanomas involving the macula: Effect of radiation dose reduction
Ivana Kim, Massachusetts Eye and Ear Infirmary (United States)
Anne Marie Lane, Massachusetts Eye and Ear Infirmary (United States)
Evangoulos Gragoudas, Massachusetts Eye and Ear Infirmary (United States)

Preventing neovascular glaucoma in uveal melanoma with ischemic retinal detachment by associating anti-VEGFs to proton therapy.
Leonidas Zografos, Hospital Ophthalmique Jules Gonin (Switzerland)
Ann SCHALENBOURG, Jules Gonin Eye Hospital (Switzerland)
Line CHAMOT, Jules Gonin Eye Hospital (Switzerland)
Irmela MANTEL, Jules Gonin Eye Hospital

Outcomes of Plaque with Vitrectomy and Silicone Oil in Choroidal Melanoma
Tara McCannel, UCLA, Jules Stein Eye Institute (United States)
Colin McCannel (United States)

Association between genetic mutations and clinical outcomes in uveal melanoma
J. William Harbour, Bascom Palmer Eye Institute (United States)

Fundus Autofluorescence Patterns in Patients with Primary Vitreoretinal Lymphoma
Robert Nussenblatt, National Eye Institute, NIH (United States)
Lisa Faia, Associated Retinal Consultants, P.C. (United States)
Megan Casady, National Eye Institute, NIH
Maryam Nazemzadeh, National Eye Institute, NIH
Chi Chao Chan, National Eye Institute, NIH
H. Nida Sen (USA)

Uveal Lymphoma: Diagnostic Features
Arun Singh, Cleveland Clinic Foundation (United States)
Mary Aronow, Cole Eye Institute
Craig Portell, Taussig Cancer Center, Cleveland Clinic
John Sweetenham, UCSD Nevada Cancer Institute (United States)

Ocular lymphocytosis and sarcoidosis as a Paraneoplastic Manifestation of Systemic Cancer
Jose Pullido, Mayo Clinic (United States)
Saranya Balasubramaniam, Mayo Clinic
Divya Salomao, Mayo Clinic (United States)

Advanced Coats' disease treated with intravitreal bevacizumab combined with indirect laser vascular ablation
Timothy Murray, Murray Ocular Oncology and Retina (United States)
Audina Berrocal (United States)
Ernesto Bermudez, MOOR (United States)
Aaron Gold, MOOR (United States)
Azeeza Latiff, MOOR
Andrea Wildner, MOOR
Fiona Ehiles, MOOR

Fluorescein Angiography-Guided Laser Treatment in Coats' Disease and Familial Exudative Vitreoretinopathy
Jonathan Chang, Bascom Palmer Eye Institute
Audina Berrocal (United States)
Timothy Murray, Murray Ocular Oncology and Retina (United States)
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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</thead>
<tbody>
<tr>
<td>4:00 PM - 4:08 PM</td>
<td>Ocular complications in patients with plasma cell dyscrasia and light chain deposition disease (LCDD)</td>
<td>Anita Leys, University Hospital St. Rafael (Belgium) John Heckenleivy, Kellogg Eye Center (United States) Catherine Francois, CENTRE OPHTALMOLOGIQUE DE L’ODEON (France)</td>
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<tr>
<td>4:08 PM - 4:16 PM</td>
<td>Autoimmune Retinopathy: Clinical Features and Prognosis</td>
<td>H. Nida Sen (USA) Monica Dalal, National Eye Institute, NIH Landon Grange, National Eye Institute, NIH Yujuan Wang, National Eye Institute, NIH Robert Nussenblatt, National Eye Institute, NIH (United States) Chi Chao Chan, National Eye Institute, NIH</td>
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<tr>
<td>4:16 PM - 4:24 PM</td>
<td>AZOOR: Revisited</td>
<td>Lawrence Yannuzzi, Vitreous-Retina-Macula Consultants of New York (United States) Sarah Mrejen, Vitreous Retina Macula Consultants of New York Roberto Gallego-Pinazo, Vitreous, Retina, Macula Consultants of New York, United States Lee Jampol, Northwestern University (United States)</td>
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<tr>
<td>4:24 PM - 4:32 PM</td>
<td>Clinical Profile of Acute Zonal Occult Outer Retinopathy (AZOOR)</td>
<td>Anita Agarwal, Vanderbilt Eye Institute (United States) Rohan Shah, Vanderbilt Eye Institute</td>
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<tr>
<td>4:32 PM - 4:40 PM</td>
<td>Acute Zonal Occult Outer Retinopathy (AZOOR): An Asian Perspective</td>
<td>Wai-Man Chan, Hong Kong Sanatorium &amp; Hospital (Hong Kong)</td>
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<tr>
<td>4:40 PM - 4:48 PM</td>
<td>SPECTRAL DOMAIN-OPTICAL COHERENCE TOMOGRAPHY FINDINGS IN ACUTE SYPHILITIC POSTERIOR PLACOID CHORIORETINOPATHY</td>
<td>Francesco Pichi, San Giuseppe Hospital, University Eye Clinic (Italy) Emmett Cunningham Jr., Stanford University School of Medicine (United States) Michael Jumper, West Coast Retina (United States) Mariachiara Morara (Italy) Chiara Veronese (Italy) Thomas Alboni, Bascom Palmer Eye Institute (United States) David Sarraf, Jules Stein Eye Institute (United States) Colin McCannel (United States) Eric Souied, Hopital Intercommunal, University Paris Est Creteil (France) Paolo Nucci, San Giuseppe Hospital, University Eye Clinic</td>
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<tr>
<td>4:48 PM - 4:56 PM</td>
<td>Activated Histoplasmosis Scars</td>
<td>James Folk, University of Iowa Hospitals &amp; Clinics (United States) Elliott Sohn, University of Iowa (United States) Matthew Cunningham, University of Iowa (United States) Michael Abramoff, University of Iowa Hospital and Clinics, PFP 11290C (United States)</td>
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<tr>
<td>4:56 PM - 5:04 PM</td>
<td>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</td>
<td>Shree Kurup (United States) H. Nida Sen (USA) Anita Agarwal, Vanderbilt Eye Institute (United States) Craig Greven, Wake Forest University Eye Center (United States) Michael Samson, New York Eye Ear Sofia Androudi (Greece) Sunir Garg, The Retina Service of Wills Eye Institute (United States) david hinkle, MERSI David Callanan, Texas Retina Associates (United States)</td>
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<tr>
<td>5:04 PM - 5:12 PM</td>
<td>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</td>
<td>Quan Nguyen, Johns Hopkins University &amp; Hospital (United States) Mohamed Ibrahim, Wilmer Eye Institute Anthony Watters, Wilmer Eye Institute, Johns Hopkins University Yasar Sepah, Wilmer Eye Institute, Johns Hopkins University (United States) Joel Naor, Santen Pharmaceuticals, Inc. Naveed Shams, Santen Pharmaceuticals, Inc. Diana Do, Johns Hopkins University School of Medicine (United States)</td>
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</table>

**Basic Science/AMD and Diabetic Retinopathy**

This is the session description

**Date:** Saturday, March 2, 2013

**Time:** 7:30 AM -

**Location:**
Macular Diseases and Surgery

Date: Saturday, March 2, 2013
Time: 8:58 AM -
Location:

7:30 AM - 7:38 AM  Subretinal drusenoid deposit: the other half of AMD pathology (59)
Christine Curcio (USA)
Jeffrey Messinger, Department of Ophthalmology, UAB
Kenneth Sloan, Computer and Information Science, UAB
Nancy Medeiros, Retina Specialists of North Alabama
Gerald McGwin, Department of Epidemiology, UAB
Richard Spaide (United States)

7:38 AM - 7:46 AM  The role of p38 in the regulation of RPE cell-cycle as a model for dry AMD (64)
Ayala Pollack, Kaplan Hospital (Israel)
Zeev Dvashi, Kaplan Medical Center

7:46 AM - 7:54 AM  The Pathways to Death: Apoptosis, Pyroptosis, Necroptosis, and Autophagy (60)
Joan Miller, Massachusetts Eye & Ear Infirmary (United States)
Yusuke Murakami, Mass Eye and Ear Infirmary
Maki Kayama, Mass Eye and Ear Infirmary
Hidetaka Matsumoto, Mass Eye and Ear Infirmary
Kip Connor, Mass Eye and Ear Infirmary
Toshio Hisatomi, Kyushu University
Demetrios Vavvas, Mass Eye and Ear Infirmary

7:54 AM - 8:02 AM  A2E toxicity analysis of patient-specific RPE cells (72)
Stephen Tsang, Columbia University Medical Center (United States)
Jin Yang, Columbia University, Tian Jin Medical University Eye Hospital
Eric Chi-Hsien Peng, Columbia University (United States)
Isabelle Audo, Centre de Recherche Institut de la Vision (France)
Veronika Vlachvuk, Hopital Ophtalmique Jules Gonin (Switzerland)
Tharkram Suvarakul, Ramathibodi hospital, Mahidol University (Thailand)

8:02 AM - 8:10 AM  Rap1 GTPase improves RPE barrier integrity and resists choroidal neovascularization (26)
Mary Elizabeth Hartnett, Moran Eye Center, University of Utah (United States)
Erika Wittchen, University of North Carolina
Eiichi Nishimura, Showa University
Manabu McCloskey (United States)
lawrence quilliam
magdalena wodnicka, Blood Research Institute

8:10 AM - 8:18 AM  A new quantitative imaging analysis tool for choroidal neovascularization area measurements (67)
Jennifer Kang-Mieler, Illinois Institute of Technology (United States)
Christian Osswald, Illinois Institute of Technology (United States)
Micah Guthrie, Illinois Institute of Technology (United States)
Nico Valio, Illinois Institute of Technology
William Mieler, University of Illinois at Chicago (United States)

8:18 AM - 8:26 AM  The Relationship Between the Aqueous Humor Concentrations of Inflammatory Cytokines and Posterior Vitreous Detachment in Age-Related Macular Degeneration (139)
Yasuo Yanagi, University of Tokyo School of Medicine (Japan)

8:26 AM - 8:34 AM  Angiogenesis promotes neurogenesis of the retina (85)
Kimberly Drenser (United States)

8:34 AM - 8:42 AM  Penetration and transportation of intravitreal bevacizumab and ranibizumab into the optic nerve of the fellow eye (164)
Sophie Bakri, Mayo Clinic (United States)
Geoffrey Lewis, Neuroscience Research Institute, University of California Santa Barbara
Steven Fisher, University of California Santa Barbara

8:42 AM - 8:50 AM  Monocyte Trafficking in Retina: A Novel Target in Early Diabetic Retinopathy (43)
Arup Das, University of New Mexico (United States)

8:50 AM - 8:58 AM  Circulating microRNAs of aqueous and vitreous as putative novel diagnostic biomarkers for diabetic retinopathy (169)
Lawrence Morse, UC Davis (United States)
Zeljka Smit-McBride, UC Davis (United States)
Amar Patel, UC Davis
Allan Hunter, University of California Davis Eye Center
Saadia Rashid, Montefiore Medical Center
Multimodal Imaging in Persistent Placoid Maculopathy (25)
Lee Jampol, Northwestern University (United States)
Mohamed Gendy, Northwestern University
Amani Fawzi, Northwestern University, Feinberg School of Medicine (USA)
David Brown, Retina Consultants of Houston (United States)
Dante Pieramici, California Retina Consultants (United States)
Joel Miller

Visual and Anatomic Results of the Macula Society Photodynamic Therapy (PDT) for Central Serous Chorioretinopathy (CSC) Retrospective Study (50)
Jennifer Lim, University of Illinois at Chicago, Illinois Eye & Ear Infirmary (United States)
Adam Glassman (United States)
Lloyd Paul Aiello, Beetham Eye Institute (United States)
Usha Chakravarthy, Royal Victoria Hospital (Northern Ireland)
Christina Flaxel, Casey Eye Institute (United States)
Richard Spaide (United States)
Macula Society CSC Collaborative Study Group

Evolution of Vitreomacular Detachment in Normal Subjects (40)
Shoji Kishi, Gunma University School of Medicine (Japan)
Hirotsuka Itakura, Gunma University School of Medicine

Ocriplasmin Therapy for Pharmacologic Resolution of Symptomatic Vitreomacular Adhesion (VMA) in Clinical Candidates for Vitrectomy (114)
Baruch Kuppermann, University of California, Irvine (United States)
On behalf of the MIVI-TRUST Study Group

Characterization of Full-Thickness Macular Holes (FTMH) in the MIVI-TRUST Program: An Optical Coherence Tomography (OCT) Analysis of Ocriplasmin efficacy (156)
Peter Kaiser, Cole Eye Institute (United States)

Cystoid Dehydration and Closure of Macular Holes Without Surgery. (175)
Ronald Gentile (USA)

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. (28)
Noemi Lois, Grampian University Hospitals-NHS Trust (Scotland)
Kurt Spiteri-Cornish
Neil Scott, University of Aberdeen (United Kingdom)
Jennifer Burr, Health Services Research Unit, University of Aberdeen
Jonathan Cook, University of Aberdeen
Charles Bosche, Health Services Research Unit, University of Aberdeen
Ramin Tadayoni, Hôpital Lariboisière, Paris
Morten La Cour, Ophthalmology, Glostrup Hospital, University of Copenhagen, Copenhagen, Denmark
Ulrik Christensen, Ophthalmology, Glostrup Hospital, University of Copenhagen, Copenhagen, Denmark
Alvin Kwok, Department of Ophthalmology, Hong Kong Sanatorium and Hospital, Hong Kong, China

Morphological Change of Inner Retinal Layer on Spectral Domain Optical Coherence Tomography following Macular Hole Surgery (140)
Hyung Woo Kwak, Kyung Hee University (South Korea)
Seung-Young Yu (South Korea)

Changes of ILM stiffness after staining with brilliant blue and indocyanine green (141)
Christos Haritoglou (Germany)
Anselm Kampik (Germany)

Assessment of Microarchitectural Retinal Dynamics of Epiretinal Membrane Surgery Utilizing Intraoperative Optical Coherence Tomography (167)
Justis Eilers, Cleveland Clinic (USA)
Bryan Roth, Case Western Reserve School of Medicine
Peter Kaiser, Cole Eye Institute (United States)
Rishi Singh, Cole Eye Institute, Cleveland Clinic (USA)
sunil srivastava

One-year results of the Prospective Retinal and Optic nerve Vitrectomy Evaluation (PROVE) Study: A controlled clinical trial. (115)
Stephen Kim, Vanderbilt Eye Institute (United States)
Rohan Shah, Vanderbilt Eye Institute
Maziar Lalezary, University of Aberdeen

Efficiency of Silicone Oil Aspiration Across Gauges (178)
Colin McCannel (United States)
David Cupp, Jules Stein Eye Institute

Spectral Domain Optical Coherence Tomography patterns of Pseudophakic Cystoid Macular Edema (137)
10:42 AM - 10:50 AM  
**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**  (33)  
Shlomit Schaal, University of Louisville (United States)  
Mark Sherman, University of Louisville  
Charles Barr, University of Louisville (United States)

10:58 AM - 11:06 AM  
**ECROP: Modeling the Region Specific Societal and Economic Impact of Evidence-Based Care for Retinopathy of Prematurity**  (9)  
Timothy Olsen, Emory Eye Center (United States)  
Christopher Williams, Emory University  
Zhou Yang, Emory University; Rollins School of Public Health  
G. Baker Hubbard, III, The Emory Eye Center (United States)  
Zhou Yang, Emory University; Rollins School of Public Health

11:06 AM - 11:14 AM  
**Intravitreal Ranibizumab for Retinopathy of Prematurity**  (128)  
Caroline Baumal, New England Eye Center, Tufts University (United States)  
Roger Goldberg, Tufts Medical Center  
jordana Fein, Tufts Medical Center

11:14 AM - 11:22 AM  
**Hot or Rot: Black-market and Counterfeit Drugs**  (79)  
Robert Braunstein, Columbia University College of Physicians & Surgeons (United States)

11:22 AM - 11:30 AM  
**Factors Associated With Malpractice Outcomes of Retained Lens Fragments**  (158)  
Judy Kim, Medical College of Wisconsin (United States)  
Paul Weber, OMIC  
Harry Flynn, Bascom Palmer Eye Institute (United States)  
Aniko Szabo, Medical College of Wisconsin

11:38 AM - 11:46 AM  
**Inner Retinal Oxygen Consumption in Hypoxia**  (98)  
Norman Blair, University of Illinois Eye & Ear Infirmary (United States)  
Justin Wanek, University of Illinois (United States)  
Pan-gyu Teng, University of Illinois (United States)  
Mahnaz Shahidi, University of Illinois at Chicago (United States)

11:46 AM - 11:54 PM  
**Retinal Drug Discovery: Molecular Rheostats**  (110)  
Shalesh Kaushal (United States)  
Richard Rosen, New York Eye and Ear Infirmary (United States)  
John Paul SanGiovanni, NEI

12:02 AM - 12:10 AM  
**Injectable hydrogel for sustained drug delivery for retinal diseases. A viable strategy?**  (91)  
Thomas Friberg, Eye and Ear Institute, The (United States)
12:10 AM - 12:18 AM  Retinal Contributions to Refractive Development  (17)
Wallace Foulds (Scotland)
Chi Luu, Centre for Eye Research Australia, The University of Melbourne, Royal Victorian Eye & Ear (Australia)
Veluchamy Barathi, Singapore Eye Research Institute, 11 Third Hospital Avenue, Singapore 168751.

12:18 AM - 12:26 AM  Visual Outcomes of Cataract Extraction in Patients with Retinitis Pigmentosa  (146)
William Mieler, University of Illinois at Chicago (United States)

12:26 AM - 12:34 AM  The clinical and electrophysiological features of patients with occult maculopathy and heterozygous RP1L1 variants.  (90)
Anthony Robson (United Kingdom)
Alicia Davidson, UCL Institute of Ophthalmology, London
Panagiotis Sergouniotis, Moorfields Eye Hospital (United Kingdom)
Donna Mackay, UCL Institute of Ophthalmology, London
Genieve Wright, UCL Institute of Ophthalmology, London UK
Naushin Waseem, UCL Institute of Ophthalmology, London
Graham Holder, Moorfields Eye Hospital (United Kingdom)
Vincent Plagnol, UCL Institute of Ophthalmology, London
Anthony Moore, Moorfields Eye Hospital (United Kingdom)
Andrew Webster, Moorfields Eye Hospital (United Kingdom)

12:34 AM - 12:42 AM  A phenotype-genotype correlation study of X-linked retinoschisis  (81)
Graham Holder, Moorfields Eye Hospital (United Kingdom)
Ajoy Vincent, The Hospital for Sick Children, Toronto, Canada
Anthony Robson (United Kingdom)
Magella Neveu, Moorfields Eye Hospital, London, UK
Genieve Wright, UCL Institute of Ophthalmology, London UK
Anthony Moore, Moorfields Eye Hospital (United Kingdom)
Andrew Webster, Moorfields Eye Hospital (United Kingdom)

12:42 AM - 12:50 AM  Docking of Photoreceptor Outer Segments and Lack of Docking in Best Affected Subjects shown by Three-dimensional Analysis of SD-OCT  (150)
Michael Abramoff, University of Iowa Hospital and Clinics, PFP 11290C (United States)
Robert Mullins, University of Iowa (United States)
Edwin Stone, University of Iowa Hospitals & Clinics (United States)