

# *Macula Society* *Imaging Cases for 2012*

MONDAY, JUNE 11, 2012

*Imaging and Case Study Conference*

**2:30 - 4:00 p.m. Moderators: Lee Jampol  
Anat Loewenstein**

- 2:30 Andrew Lotery  
A Complementary Way to Lose Weight
- 2:35 Lee Jampol  
Optic Disc Leakage of Unknown Cause
- 2:40 Stephen Tsang  
Bumps and Lumps in a White Dot Syndrome
- 2:45 Itay Chowers  
Progressive Bilateral Visual Loss in the Presence of  
Unremarkable Eye Examination in a Young Healthy Man
- 2:50 Mathew MacCumber  
Progressive Peripheral Chorioretinal Atrophy in an HIV  
Positive Patient
- 2:55 David Sarraf  
Golden Tapetal Fundus
- 3:00 Noemi Lois  
Mystery Case
- 3:05 K. Freund  
Mystery Case
- 3:10 Richard Spaide  
Dimples Aren't Necessarily Cute if They are in the Macula
- 3:15 Janet Sunness  
Worsening of an Optic Neuropathy by Light Stimulation:  
A Light-Induced Uhthoff Phenomenon?

# Macula Society Imaging Cases for 2012

MONDAY, JUNE 11, 2012

**continued**

- 3:20 Gregg Kokame  
Regression of Polypoidal Choroidal Vasculopathy Polyp on Anti-VEGF Therapy
- 3:25 Michael Marmor  
Structure vs. Function with Hydroxychloroquine
- 3:30 William Mieler  
Multifocal White Retinal Lesions
- 3:35 Antonio Ciardella  
Fundus Autofluorescence in a Mother With a Son
- 3:40 Nauman Chaudhry  
Fifty-nine Year old Female with White Spot on the Retina
- 3:45 Salomon Cohen  
West Indies Crinkled Retinal Pigment Epitheliopathy
- 3:50 Michaella Goldstein  
Pigmented Lesion
- 3:55 Ron Adelman  
Retinal Manifestations of Sleep Apnea
- 4:00 Michael Goldbaum  
Exudative Retinal Detachment in Female of Short Stature

*Interactive CME required questions for audience will be asked with each presentation.*



*2012*  
*Scientific Program*

Monday through Friday

June 11-15, 2012  
Jerusalem, Israel

**The nine minutes allotted time for each  
presentation includes time for discussion  
and audience polling**

# MONDAY, JUNE 11, 2012

## SESSION I

### Imaging

*Moderator: Cindy Toth*

*Moderator: Dov Weinberger*

- 4:20 p.m. Retinal Pseudocysts in Optic Nerve Atrophy: A Novel Spectral-Domain OCT Finding  
*Martine Mauget-Fayssse*
- 4:29 p.m. Imaging in Retina Units: Changes Observed During the Last Decade  
*Salomon Cohen*
- 4:38 p.m. Adaptive Optics Imaging of the Retina  
*Judy Kim*
- 4:47 p.m. Clinical Applications of Single Cell Retinal Imaging Using Adaptive Optic Scanning Laser Ophthalmoscopy  
*Richard Rosen*
- 4:56 p.m. En Face OCT and Fibrovascular Pigment Epithelium Detachment in AMD  
*Gabriel Coscas*
- 5:05 p.m. **Young Investigator Award and Lecture Presentation**  
*Recipient: Srinivas R. Sadda*  
*Presenter: Susan B. Bressler*
- 5:29 p.m. Adaptive Optics Findings in Macular Telangiectasia Type 2  
*Alain Gaudric*
- 5:38 p.m. Distinguishing the Qualitative and Quantitative SDOCT Characteristics of Intermediate Age-Related Macular Degeneration versus Normal Aged Eyes  
*Cynthia Toth*
- 5:47 p.m. Correlation Between Visual Acuity and Tissue Volumetric Parameters in Cystoid Macular Edema from Different Etiologies  
*Dov Weinberger*
- 5:56 p.m. Topographical Analyses of Shape of Eyes with Pathologic Myopia by High-Resolution Three Dimensional Magnetic Resonance Imaging  
*Kyoko Ohno-Matsui*
- 6:05 p.m. Macular Pigment Imaging in Infants and Children Using the RetCam  
*Paul Bernstein*

- 6:14 p.m. Choroidal Threshold for Lacquer Cracks in Highly Myopic Eyes  
*Stephen Tsang*
- 6:23 p.m. Macular Choroidal Thickness in Eyes with Inferior Poster Staphyloma Examined with Swept-Source Optical Coherence Tomography at Longer Wavelength  
*Akitaka Tsujikawa*
- 6:32 p.m. **Presentation of Evangelos S. Gragoudas Award**  
*Recipient: Mark E. Kleinman*  
*Presenter: Emily Y. Chew*
- 6:37 p.m. **End of Session**

## TUESDAY, JUNE 12, 2012

- 6:30 a.m. Young Member Mentor Lecture  
*Guest Speaker: Alexander J. Brucker, MD*

### SESSION II Dry AMD

*Moderator: Jobanna Seddon*

*Moderator: Frank Holz*

- 7:00 a.m. Systemic CFH Gene Manipulation Through Liver Transplantation and AMD – A Retrospective Study  
*Andrew Lotery*
- 7:09 a.m. Automated Discovery of Macular Phenotypes in AMD Patients who Carry Risk Alleles at LOC387715 (ARMS2)  
*James Folk*
- 7:18 a.m. Association of Pattern Dystrophy with an HTRA1 Single Nucleotide Polymorphism  
*Itay Chowers*
- 7:27 a.m. Development and Validation of Prediction Models for Advanced Macular Degeneration: 2006-2011  
*Jobanna Seddon*
- 7:36 a.m. Choroidal Thickness in Age-Related Macular Degeneration (AMD) Eyes with Reticular Macular Disease (RMD)  
*R. Theodore Smith*
- 7:45 a.m. Reticular Pseudodrusen and Age-Related Macular Degeneration in Japanese  
*Nagabisa Yoshimura*

- 7:54 a.m. Structure – Function Correlates in the Retina Surrounding Geographic Atrophy (GA): A Comparison Study of Peri-GA Scotopic Sensitivities and Retinal Anatomic Parameters  
*Karl Csaky*
- 8:03 a.m. False Negatives in the Delineation of Age-Related Geographic Atrophy (GA) by Fundus Autofluorescence (FAF)  
*Janet Sunness*
- 8:12 a.m. Topography and Directional Progression of Geographic Atrophy in Age-Related Macular Degeneration  
*Frank Holz*
- 8:21 a.m. Eculizumab for C3 Nephropathy: One-year Effect upon Retinal Morphology  
*Gaetano Barile*
- 8:30 a.m. Omega-3 for Prevention of Exudative Age-Related Macular Degeneration: Genetic Influence in The NAT-2 Study  
*Eric Souied*
- 8:39 a.m. The Association of Aspirin Use in Age-Related Macular Degeneration in the Age-Related Eye Disease Study 2 (AREDS2)  
*Emily Chew*
- 8:48 a.m. **Presentation of Green Lecture and Award**  
*Recipient: David J. Wilson*  
*Presenter: Michael L. Klein*
- 8:57 a.m. **Break**

### SESSION III Neovascular AMD I

*Moderator: Jason Slakter*

*Moderator: Allen Ho*

- 9:27 a.m. Response to Treat and Extend Therapy Correlates with Occurrence of Specific Biomarkers that Demonstrate Different CNV Signaling Pathways in Eyes with Wet AMD: Future of Individualized Therapy  
*Bert Glaser*
- 9:36 a.m. Outcomes of Neovascular AMD in Hispanics Treated with Ranibizumab  
*Francisco Rodriguez*
- 9:45 a.m. SD-OCT Based Retreatment Strategy in the Anti-VEGF Therapy of Exudative AMD: Efficacy and Prognostic Evaluation in Daily Praxis  
*Daniel Pauleikhoff*

- 9:54 a.m. Visual Outcome and SD-OCT Findings in Neovascular-AMD after Anti-VEGF Treatment  
*Oh Kwon*
- 10:03 a.m. Correlation of Retinal Morphology and Visual Acuity in the Comparison of Age-Related Macular Degeneration Treatment Trial (CATT)  
*Glenn Jaffe*
- 10:12 a.m. Baseline Predictors of Visual Acuity Response to Ranibizumab and Bevacizumab in the Comparison of AMD Treatment Trial (CATT)  
*Maureen Maguire*
- 10:21 a.m. Pharmacogenetics of Anti-VEGF Therapy in the Comparison of AMD Treatments Trials (CATT)  
*Daniel Martin*
- 10:30 a.m. Photographic Assessment of Baseline Fundus Morphology in the Comparison of Age-Related Macular Degeneration Treatments Trials (CATT)  
*Juan Grunwald*
- 10:39 a.m. Anatomic Measures as Predictors of Visual Outcomes in Ranibizumab-Treated Subjects with Subfoveal Neovascular Age-Related Macular Degeneration – The HARBOR study  
*David Brown*
- 10:48 a.m. Comparison of Outcomes by Lesion Subtypes (Serous Vascularized Pigment Epithelial Detachment vs. Fibrovascular Pigment Epithelial Detachment) for 0.5 vs. 2.0 mg Ranibizumab Treatment in Eyes with Vascularized Pigment Epithelial Detachment due to AMD  
*Clement Chan*
- 10:57 a.m. Prospective Evaluation of the Incidence of Retinal Pigment Epithelial (RPE) Tears and Analysis of the Risk Factors Predisposing to RPE Tears in Eyes with Vascularized Pigment Epithelial Detachment (PED) and Age-Related Macular Degeneration (AMD)  
*David Sarraf*
- 11:06 a.m. Prevalence and Progression of Retinal Pigment Epithelial Atrophy in Patients with Neovascular Age-Related Macular Degeneration  
*Richard Spaide*
- 11:15 a.m. Intravitreal Aflibercept Injection (2.0 mg) in the Management of Previously Treated Patients with Exudative AMD  
*Jason Slakter*



- 11:24 a.m. Cumulative Incidence of Visual Acuity Change in the VIEW 1 and VIEW 2 Studies  
*Daniel Roth*
- 11:33 a.m. Subgroup Efficacy Analyses of the VIEW 1 and VIEW 2 Studies in Patients with Neovascular AMD  
*Allen Ho*
- 11:42 a.m. **Paul Henkind Memorial Lecture and Award Presentation**  
*Recipient: Usha Chakravarthy, MD*  
*Presenter: Mathew MacCumber, MD*
- 12:06 p.m. **End of Session**

## WEDNESDAY, JUNE 13, 2012

### SESSION IV

#### Diabetic Retinopathy

*Moderator: Yuval Yassur*

*Moderator: Ayala Pollack*

- 7:00 a.m. Diabetic Pan-Retinal Photocoagulation Incidence Change in the U.S.  
*Stephen Feman*
- 7:09 a.m. A Diabetic Retinopathy Telemedicine-Based Screening and Treatment Program in Semi-rural Mexico  
*George Bresnick*
- 7:18 a.m. Impact of Ranibizumab on Driving and Difficulty Driving Reported by Patients with Diabetic Macular Edema  
*Neil Bressler*
- 7:27 a.m. Automated Analysis of Retinal Images Compared to Readings by Retinal Specialists in Detecting the Need for Referral for Diabetic Retinopathy  
*Michael Abramoff*
- 7:36 a.m. Is Diabetic Macular Edema a Peripheral Retinal Disease which Secondarily Affects the Macula?  
*Paul Tornambe*
- 7:45 a.m. The Relationship Between OCT Parameters and Visual Acuity in Resolved Diabetic Macular Edema  
*Yuval Yassur*

- 7:54 a.m. Retinal Thickness and Volume Reproducibility Comparison using Zeiss Stratus Time Domain and Heidelberg Spectralis Spectral Domain OCT in Diabetic Macular Edema  
*Mathew MacCumber*
- 8:03 a.m. Sub-threshold Laser Treatment of Macular Edema in Patients with Diabetes  
*Anat Loewenstein*
- 8:12 a.m. Thirty-six Month Safety and Efficacy Results of RISE, a Phase III Randomized Controlled Trial of Ranibizumab for Diabetic Macular Edema (DME)  
*Dennis Marcus*
- 8:21 a.m. A Cost-Effective Analysis of the Randomized Trial Evaluating Ranibizumab Plus Prompt or Deferred Laser or Triamcinolone Plus Prompt Laser for Diabetic Macular Edema  
*Rajendra Apte*
- 8:30 a.m. Exploratory Analysis of Diabetic Retinopathy Worsening (Progression) through 1 Year in a Randomized Clinical Trial Evaluating Ranibizumab and Triamcinolone  
*Susan Bressler*
- 8:39 a.m. Long-term Effects of Intravitreal Ranibizumab on Diabetic Retinopathy Severity and Progression  
*Michael Ip*
- 8:48 a.m. The Effect of Intravitreal Triamcinolone on Macular Edema in Eyes with Retinal Vascular Disease Unresponsive to Intravitreal Bevacizumab  
*Ayala Pollack*
- 8:57 a.m. Worsening to Center-Involved Macular Edema Following Cataract Surgery in a Cohort with Diabetic Retinopathy  
*Jennifer Sun*
- 9:06 a.m. Risk of Endophthalmitis after Intravitreal Drug Injections with and without Use of Topical Antibiotics  
*Alexander Brucker*
- 9:15 a.m. **Presentation of the Donald M. Gass Medal**  
*Recipient: Frederick L. Ferris III*  
*Presenter: Emily Y. Chew*
- 9:24 a.m. **Break**

**SESSION V**  
**Michaelson Symposium**

*Moderator: Larry Singerman*

*Moderator: Dan Martin*

- 9:38 a.m. Introduction  
*Daniel Michaelson*
- 9:43 a.m. **Presentation of the Michaelson Macula Society Recipient**  
*Recipient: Professor Kobe Pe'er*  
*Presenter: To Come*
- 10:03 a.m. Multi-Center Anti-VEGF Trial in Austria: Twelve Month Results of a Head to Head Trial Between Ranibizumab or Bevacizumab in Patients with Neovascular Age-Related Macular Degeneration  
*Susanne Binder*
- 10:23 a.m. A Randomised Controlled Trial of Alternative Treatments to Inhibit VEGF in Age-Related Choroidal Neovascularisation: The IVAN Trial  
*Usha Chakravarthy*
- 10:43 a.m. Two-Year Results from the Comparison of AMD Treatments Trials (CATT)  
*Daniel Martin*
- 11:03 a.m. Intravitreal Aflibercept Injection versus Ranibizumab for Neovascular AMD: 2-year Results from the Phase 3 VIEW 1 and VIEW 2 Studies  
*Ursula Schmidt-Erfurth*
- 11:33 a.m. Discussion
- 11:58 a.m. **End of Session**

**THURSDAY, JUNE 14, 2012**

**SESSION VI**  
**Neovascular AMD II**

*Moderator: Neil Bressler*

*Moderator: Ruth Siegel*

- 7:30 a.m. Intravitreal Bevacizumab Treatment for Exudative Age-Related Macular Degeneration with Good Visual Acuity  
*Ruth Siegel*
- 7:39 a.m. Bevacizumab and Dexamethasone for Eyes Experiencing Intraocular Inflammation or Tachyphylaxis Following Bevacizumab for Neovascular Macular Degeneration  
*Kenneth Diddie*

- 7:48 a.m. Conjunctival Bacterial Resistance Patterns to Antibiotics Before and After Intravitreal Injection in Patients with Choroidal Neovascular Membrane Associated with Age-Related Macular Degeneration  
*Charles Barr*
- 7:57 a.m. A Pilot Study of Combination Therapy for Neovascular AMD Using a Single Injection of Liquid Sustained Release Intravitreal Triamcinolone Acetonide and Intravitreal Ranibizumab as Needed  
*Jennifer Lim*
- 8:06 a.m. Intravitreal Bevacizumab for Extrafoveal Choroidal Neovascularization Secondary to Pathologic Myopia  
*Maurizio Parodi*
- 8:15 a.m. Variable Ranibizumab Regimens According to First Injection Response of Myopic Choroidal Neovascularization  
*Francesco Bandello*
- 8:24 a.m. Long-term Outcome of Photodynamic Therapy and Adjunctive Therapies for Polypoidal Choroidal Vasculopathy  
*Timothy Lai*
- 8:33 a.m. PEARL2 High-dose (2.0mg ranibizumab) for Exudation and Hemorrhage in Polypoidal Choroidal Vasculopathy, Preliminary 6-month Results  
*Gregg Kokame*
- 8:42 a.m. Effects of Vitreomacular Adhesion on Ranibizumab Treatment for Typical Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy  
*Yasuo Yanagi*
- 8:51 a.m. Effects of Music Therapy on Intravitreal Injections: a Randomized Clinical Trial  
*Ron Adelman*

## SESSION VII

### Vascular Occlusions and Other Macular Diseases

*Moderator: Barbara Blodi*

*Moderator: Larry Yannuzzi*

- 9:00 a.m. Evaluation of Widefield Fluorescein Angiograms in Eyes with Branch and Central Retinal Vein Occlusion  
*Barbara Blodi*
- 9:09 a.m. Predictive Value of the Area of Peripheral Retinal Non-Perfusion on Treatment Response in Patients with Branch and Central Retinal Vein Occlusion  
*Srini Sadda*

- 9:18 a.m. Retinal Vascular Occlusion Successfully Treated with Intravitreal Ranibizumab After Failure with Sequential Intravitreal Bevacizumab  
*Robert Johnson*
- 9:27 a.m. Impact of Lucentis on Psychological Morbidity in Patients with Macular Edema and Neovascularization Secondary to Retinal Vein Occlusion  
*Lawrence Singerman*
- 9:36 a.m. 0.5 mg Versus 2.0 mg Ranibizumab for Macular Edema due to CRVO  
*Dante Pieramici*
- 9:45 a.m. One-year Results of the Phase 3 COPERNICUS Study: Intravitreal Aflibercept Injection in CRVO  
*David Boyer*
- 9:54 a.m. **Break**
- 10:09 a.m. Macular Diseases in the Beijing Eye Public Health Care Project  
*Jost Jonas*
- 10:18 a.m. Progress of the MacTel Project 2012  
*Mark Gillies*
- 10:27 a.m. Unilateral Hemorrhagic Retinopathy: What is it?  
*Lee Jampol*
- 10:36 a.m. The Expanded Clinical Spectrum of Acute Exudative Polymorphous Vitelliform Maculopathy (AEPVM)  
*Lawrence Yannuzzi*
- 10:45 a.m. Type 1 (Sub-Retinal Pigment Epithelial) Neovascularization in Central Serous Chorioretinopathy  
*K. Freund*
- 10:54 a.m. Early Detection of Functional Changes Using Microperimetry on Patients with Subclinical Hydroxychloroquine Toxicity  
*William Mieler*
- 11:03 a.m. Macular Microstructure in Eyes with Spontaneous Resolution of Macular Hole Assessed by Optical Coherence Tomography  
*Kazuaki Kadonosono*
- 11:12 a.m. Dexamethasone Intravitreal Implant (Ozurdex®) in Treatment of Refractory Macular Edema  
*Michaella Goldstein*
- 11:21 a.m. Did Degas' Maculopathy Affect his Sculpture?  
*Michael Marmor*

## SESSION VIII

### ROP

*Moderator: Larry Yannuzzi*

*Moderator: Barbara Blodi*

- 11:30 a.m. Bevacizumab for Retinopathy of Prematurity: Wrong Dose, Wrong Drug, or Both?  
*Robert Avery*
- 11:39 a.m. Aggressive Posterior Retinopathy of Prematurity: Quantitative Analysis of Vascular Features  
*R.V. Paul Chan*
- 11:48 a.m. **Presentation of Arnall Patz Medal**  
*Recipient: Gabriel Coscas, MD*  
*Presenter: Lawrence J. Singerman*
- 11:56 a.m. **End of Session**

## FRIDAY, JUNE 15, 2012

### SESSION IX

#### Uveitis and Tumors

*Moderator: Christina Flaxel*

*Moderator: Tim Murray*

- 7:00 a.m. Expanding the Spectrum of Cytomegalovirus-Related Retinopathy: Necrotizing Retinitis Associated with Pan-Retinal Occlusive Vasculopathy in Non-HIV Patients  
*Mark Johnson*
- 7:09 a.m. One Year Pilot Study of OCT-guided Monthly Ranibizumab for Uveitic Cystoid Macular Edema  
*Thomas Albini*
- 7:18 a.m. Is AZOOR Complex Another Masquerade Syndrome?  
*Shoji Kishi*
- 7:27 a.m. Immunosuppression after Fluocinolone Acetonide Implant at a Tertiary Care Center  
*James Puklin*
- 7:36 a.m. Management of Retinal Detachment Associated with Ocular Toxoplasmosis  
*Christina Flaxel*
- 7:45 a.m. Anti-VEGF Treatment of Neovascular Glaucoma Following Proton Beam Irradiation of Uveal Melanomas  
*Leonidas Zografos*

- 7:54 a.m. Early sdOCT Detection and Targeted Anti-VEGF Treatment Improve Visual Acuity Outcomes in Radiation Retinopathy Associated with Treated Uveal Melanoma  
*Timothy Murray*
- 8:03 a.m. Long-Term Risk of Melanoma-Related Mortality in Patients with Uveal Melanoma Treated with Proton Therapy  
*Evangelos Gragoudas*

**SESSION X**  
**Vitreoretinal Surgery**

*Moderator: Peter Kaiser*

*Moderator: Joseph Moisseiev*

- 8:12 a.m. Pneumatic Retinopexy for the Repair of Primary Rhegmatogenous Retinal Detachment: a 10-Year Retrospective Analysis  
*Joseph Moisseiev*
- 8:21 a.m. Recurrent Retinal Detachment from Guttering Is Also a Problem after Vitrectomy  
*Michael Goldbaum*
- 8:30 a.m. Closure of Small-Gauge Sclerotomy Leaks Using Modified Iris Retraction Rings  
*Stephen Russell*
- 8:39 a.m. Morphometric Analysis of Epiretinal Membranes using Spectral Domain Optical Coherence Tomography  
*William Smiddy*
- 8:48 a.m. Triamcinolone-Assisted Internal Limiting Membrane Peeling During Primary Rhegmatogenous Retinal Detachment Repair Reduces Postoperative Macular Pucker Formation  
*Gaurav Shah*
- 8:57 a.m. Retinal Nerve Fiber Layer (RNFL) Thickness after Internal Limiting Membrane (ILM) Peeling  
*Antonio Ciardella*
- 9:06 a.m. Treatment of Symptomatic Vitreomacular Adhesions (VMA) With Ocriplasmin: A Subgroup Analysis of the Phase III MIVI-TRUST Program  
*Peter Kaiser*
- 9:15 a.m. Quality of Life and Predictive Factors in a Randomised Clinical Trial of Macular Hole Surgery: FILMS (The Full Thickness Macular Hole and Internal Limiting Membrane Peeling Study)  
*Noemi Lois*
- 9:24 a.m. Why do Macular Holes Close: The Role of Retinal Plasticity  
*Mark Blumenkranz*

- 9:33 a.m. Twenty-five Gauge Vitrectomy for Macular Holes with and without Retinal Detachment in Highly Myopic Eyes  
*Francesco Boscia*
- 9:42 a.m. Inner Retinal Fenestration for Optic Disc Pit  
*Robert Mittra*
- 9:51 a.m. **Break**

**SESSION XI**  
**Basic Science**

*Moderator: Paul Sternberg*

*Moderator: Jennifer Kang-Mieler*

- 10:06 a.m. Polyethylene Glycol (PEG) Hydrogel Polymer Sealant for Closure of 20g and 23g Sclerotomies: A Variable Intraocular Pressure (IOP) and Histologic Study  
*Seenu Hariprasad*
- 10:15 a.m. A Novel Surgical Technique for Submacular Tissue Translocation Using the in vivo Porcine Model  
*Timothy Olsen*
- 10:24 a.m. Tubulin Inhibition in a Non-Human Primate Model of CNV and Upcoming/Ongoing Clinical Trial Design  
*Craig Greven*
- 10:33 a.m. Efficacy of Nanosphere-Hydrogel Drug Delivery System in a Laser Induced Choroidal Neovascularization Animal Model  
*Jennifer Kang-Mieler*
- 10:42 a.m. Preclinical Long-Term Safety Study of Intravitreal Injection of GMP-Grade CD34+ Bone Marrow-Derived Stem Cells  
*Susanna Park*
- 10:51 a.m. Innovative Metabolic Profiling can Distinguish AMD Patients from Controls  
*Paul Sternberg, Jr.*
- 11:00 a.m. A Novel Eye Drop Formulation of Squalamine for Ophthalmic Neovascular Disorders  
*Michael Elman*
- 11:09 a.m. Gene Profiling of Retinal Gene Expression after Intravitreal anti-VEGF Injections in Mice  
*Lawrence Morse*
- 11:18 a.m. Effect of a Single Intravitreal Injection of Anti-VEGF Agents on Retinal Arteriolar Caliber in Minipig Eyes  
*Constantin Pournaras*



- 11:27 a.m. Immunologic and Epigenetic Changes in AMD  
*Robert Nussenblatt*
- 11:36 a.m. The Outer Limiting Membrane in Normal and Diabetic Retina  
*Gisele Soubrane*
- 11:45 a.m. Clearance of Retinal Lipofuscin is Controlled by the mTOR/Autophagy Pathway  
*Shalesh Kausbal*
- 11:54 a.m. Retinal Oxygen Extraction Fraction in Systemic Hypoxia  
*Norman Blair*
- 12:03 p.m. Is Rod Photoreceptor Degeneration Caused by Mutant Rhodopsin Present at Birth in Autosomal Dominant RP?  
*Henry Kaplan*
- 12:12 p.m. Lentiviral Vector for Gene Replacement Therapy in Stargardt Disease and Usher Syndrome type Ib  
*David Wilson*

## SESSION XII

### Inherited Retinal Disease

*Moderator: Paul Sternberg*

*Moderator: Jennifer Kang-Mieler*

- 12:21 p.m. Oral Synthetic cis-Retinoid Therapy in Subjects with Leber Congenital Amaurosis (LCA) or Retinitis Pigmentosa (RP) due to Lecithin:Retinol Acyltransferase (LRAT) or Retinal Pigment Epithelial 65 Protein (RPE65) mutations: Preliminary Results of a Phase Ib  
*David Saperstein*
- 12:30 p.m. Measuring Visual Field Loss in Retinitis Pigmentosa and Stargardt Disease using 3-Dimensional Modeling of the Hill of Vision  
*Richard Weleber*
- 12:39 p.m. Genotype-Phenotype Variability in Patients with Clinical and/or Electrophysiological Features of Fundus Albipunctatus  
*Anthony Robson*
- 12:48 p.m. **End of Session and Meeting**