

The Macula Society
Fluorescein Cases for 2006
Wednesday, February 22, 2006

Fluorescein Angiography/ Retinal Case Conference

Session 1

4:00-5:10 p.m.

Chair: Lawrence A. Yannuzzi

Moderator: H. Richard McDonald

- 4:00 p.m. Allen, Arthur
Unknown
- 4:05 p.m. Barr, Charles
Unknown
- 4:10 p.m. Paul S. Bernstein
Tamoxifen retinopathy with bilateral macular holes
- 4:15 p.m. Herbert Cantrill
Choroidal mass lesion
- 4:20 p.m. Salomon Cohen
Unknown
- 4:25 p.m. Rogerio Costa
Occult Chorio-Retinal Anastomosis in Non-AMD Patients
- 4:30 p.m. Paulus deJong
Mystery case
- 4:35 p.m. James Folk
Fulminant Neovascularization from Choroidal Scars in a Diabetic
- 4:40 p.m. Michaela Goldstein
Unusual case of radiation retinopathy
- 4:45 p.m. Justin Gottlieb
Choroiditis
- 4:50 p.m. Lee M. Jampol
Unknown
- 4:55 p.m. Leonard Joffe
Unknown
- 5:00 p.m. Gregg Kokame
Inner Lamellar Macular Hole
- 5:05 p.m. Anat Loewenstein
A growing "bleb"
- 5:10 p.m. Refreshment Break

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Fluorescein Angiography/Retinal Case Conference

Session 2

5:25-6:35 p.m.

Chair: Charles C. Barr

Moderator: Lee M. Jampol

- 5:25 p.m. Travis Meredith
Melanocytic Lesion
- 5:30 p.m. Martine Mauget-Faysse
Photodynamic Therapy as a palliative treatment for choroidal metastasis
from lung adenocarcinoma
- 5:35 p.m. Michael Marmor
Do we really need the Fovea?
- 5:40 p.m. Lawrence Morse
Retinal neovascularization in healthy man with unilateral posterior uveitis
- 5:45 p.m. Timothy Olsen
Serous Detachment in SLE
- 5:50 p.m. Ayala Pollack
Intravitreal Avastin
- 5:55 p.m. Jose Pulido
Choroidal mass of unknown etiology
- 6:00 p.m. Stephen Sinclair
Anterior ischemic optic neuropathy with CME after PPV
following blunt trauma
- 6:05 p.m. Jason Slakter
Mystery case
- 6:10 p.m. Bernadette Snyers
Unknown
- 6:15 p.m. Janet Sunness
Stargardt Dilemma
- 6:20 p.m. Paul Tornambe
An intra-operative demonstration how air current forces from the infusion
cannula may damage retinal or optic nerve tissue
- 6:25 p.m. Lawrence A. Yannuzzi
Mystery case
- 6:30 p.m. Shin Yoneya
Churg Strauss Syndrome
- 6:35 p.m. End of Session

The Macula Society
29th Annual Meeting
Four Seasons Aviara, North San Diego, California
February 22-25, 2006

SCIENTIFIC PROGRAM

THURSDAY, FEBRUARY 23, 2006

Session I: Hereditary Diseases

Chair: Ed Stone

Moderator: Muna Naash

- 7:30 a.m. OCT and Multifocal ERG Findings in Three Generations of a Family with Best Disease
Robert N. Frank
- 7:39 a.m. The Importance of the Mutation Detection Probability Distribution and the Estimate of Pathogenic Probability for Efficient Genetic Testing of Inherited Eye Disease
Edwin M. Stone
- 7:48 a.m. Non-Viral Gene Therapy for Macular Dystrophies Caused by Mutations in RDS
Muna Naash
- 7:57 a.m. Identification and Characterization of Novel Mutations and Mutation Hot-Spot in Patients with Enhanced S Cone Syndrome
Kent Small

Session II: AMD Imaging

Chair: Karl Csaky

Moderator: Michael Ip

- 8:06 a.m. The Utility of Dynamic Indocyanine Green Angiography (D-ICG) in Patients with Neovascular Age-Related Macular Degeneration (AMD) as Determined by Two Prospective Clinical Trials
Karl Csaky
- 8:15 a.m. Is There an Inherent Difference in Reading Center Angiographic Interpretations and Outcome Results in Clinical Trials: Results of the V.I.S.I.O.N. Trials
Michael Ip
- 8:24 a.m. The Relationship Between Computer-Assisted Estimates and Physician Assessment of Changing Lesion Size of Predominantly Classic Choroidal Neovascular Membranes in Age-Related Macular Degeneration: Sensitivity, Clinical Significance, and Accuracy
Dennis P. Han
- 8:33 a.m. Reproducibility in Grading Fluorescein Angiograms of Patients with Neovascular AMD Among Retina Specialists
Michaella Goldstein
- 8:42 a.m. Decreases in the Foveolar Choroidal Circulation Precede the Appearance of Choroidal Neovascularization in Age-Related Macular Degeneration
Juan E. Grunwald

- 8:51 a.m. Fluorescence- and Resonance Raman-Based Quantitative Imaging of Human Macular Pigment Distributions
Paul S. Bernstein
- 9:00 a.m. Follow Up Results of PCV in Korea According to ICG Angiographic Morphologic Classification
Oh W. Kwon
- 9:09 a.m. Indocyanine Green Angiography Features of Drusen in Young Adults
Eric H. Souied
- 9:18 a.m. Refreshment Break

Session III: AMD Progression

Chair: Susan Bressler

Moderator: Emily Chew

- 9:38 a.m. The Effect of Cataract Surgery on the Development of Neovascular Age-Related Macular Degeneration (AMD)
Susan B. Bressler
- 9:47 a.m. Comparison of Five-Year Rates of Late AMD in CAPT Untreated Eyes with Predictions from the AREDS Simple Severity Scale
Stuart L. Fine
- 9:56 a.m. Progression of Age-Related Macular Degeneration in African-Americans Enrolled in the Age-Related Eye Disease (AREDS), Using the AREDS Simple Scale
Emily Y. Chew
- 10:05 a.m. Designing Clinical Trials for Age-Related Geographic Atrophy of the Macula
Janet S. Sunness
- 10:14 a.m. Progression of Visual Loss in Untreated Eyes with Subfoveal Exudation in AMD: A Meta Analysis
Lucian V. Del Priore

Session IV: AMD Genetics

Chair: Michael Klein

Moderator: James Folk

- 10:23 a.m. Reticular Pseudodrusen: Incidence in Newly Diagnosed CNV and Links to ARM/AMD
Salomon Y. Cohen
- 10:32 a.m. An Epidemiologic Study of Age-Related Macular Degeneration (AMD) in Carriers of the Apolipoprotein A-1-Milano Mutation: A Novel Treatment Approach to AMD
Jorge G. Arroyo
- 10:41 a.m. Plasma Complement Level, Complement Factor H Polymorphism and Age-Related Macular Degeneration
Victor Chong

- 10:50 a.m. Correlation Between Complement Factor H Polymorphism Y402H and AMD Phenotype
James C. Folk
- 10:59 a.m. Complement Factor H Polymorphism, Inflammation, and Aging Macular Disease in the General Population
Paulus T.V.M. de Jong
- 11:08 a.m. The CFH Susceptibility Allele in Extended Families and in a Sporadic Case-Control Population
Michael L. Klein
- 11:17 a.m. Mutation Spectrum and Evidence of Reduced Fibulin 5 Secretion in Age-Related Macular Degeneration and Cutis Laxa
Andrew Lotery

Session V: Pharmaceuticals/Drug Delivery

Chair: Timothy Olsen

Moderator: Mandi Conway

- 11:26 a.m. Carotenoid-Mediated Retinal Delivery of Triamcinolone and Ketorolac
Dennis M. Marcus
- 11:35 a.m. Buffering Capacity of Bovine Vitreous
Mandi D. Conway
- 11:44 a.m. The Risky Business of Off-Label Use of Prescription Drugs
Robert Braunstein
- 11:53 a.m. Cannulation of the Suprachoroidal Space: A Novel Route for Drug Delivery to the Posterior Segment
Timothy W. Olsen
- 12:02 p.m. Posterior Juxtасcleral Infusion of a New Formulation of Triamcinolone Acetonide for the Treatment of Refractory Diabetic Macular Edema
Paolo Lanzetta
- 12:11 p.m. Presentation of the Arnall Patz Medal
Recipient: Michael L. Klein, MD
Presenter: Daniel Finkelstein, MD
- 12:16 p.m. Paul Henkind Memorial Lecture and Award Presentation
New Therapy for Diabetic Maculopathy Using the Selective Retinal Pigment Epithelium Nd:YLF Laser
Recipient: Peter Hamilton, MD
Presenter: Steven Schwartz, MD
- 12:36 p.m. Helen Keller Foundation
Lawrence J. Singerman
- 12:46 p.m. Session Ends

FRIDAY, FEBRUARY 24, 2006

Business Meeting

7:00 a.m. Macula Society Members Only

Session VI: AMD Pharmacology, Part I

Chair: Richard Spaide

Moderator: H. Richard McDonald

- 7:30 a.m. Intravitreal Bevacizumab for Neovascular Age-Related Macular Degeneration (IbeNA Study): Results of a Single Treatment in a Phase 1 and 2 Study
Rogerio A. Costa
- 7:39 a.m. Intravitreal Avastin for Choroidal Neovascularization
Robert N. Johnson
- 7:48 a.m. Intravitreal Bevacizumab (Avastin) for Neovascular Age-Related Macular Degeneration
Carmen A. Puliafito
- 7:57 a.m. Intravitreal Bevacizumab for Choroidal Neovascularization Secondary to Age-Related Macular Degeneration
Richard F. Spaide
- 8:06 a.m. Ranibizumab (Lucentis) Self-Reported Vision Specific Quality of Life through 12 months in Age-Related Macular Degeneration Patients with Minimally Classic or Occult with No Classic Choroidal Neovascularization in a Phase III Randomized Clinical Trial
Tom S. Chang
- 8:15 a.m. Ranibizumab for Neovascular Age-Related Macular Degeneration: 1-year Subanalysis Results of the Marina Study
Allen Ho
- 8:24 a.m. Anatomic Outcomes from the Marina Study of Ranibizumag (Lucentis) for Minimally Classic or Occult Neovascular Age-Related Macular Degeneration
Gregg T. Kokame
- 8:33 a.m. One-year Fluorescein Angiography and Optical Coherence Tomography Results of the ANCHOR Study Comparing Ranibizumab with Verteporfin Photodynamic Therapy in Predominantly Classic Choroidal Neovascularization Secondary to Age-Related Macular Degeneration
Jennifer I. Lim
- 8:42 a.m. One-Year Results of ANCHOR: A Phase III, Multicenter, Randomized, Double-Masked Comparison of Ranibizumab and Verteporfin Photodynamic Therapy in Treatment of Predominantly Classic Choroidal Neovascularization Secondary to Age-Related Macular Degeneration
H. Richard McDonald

- 8:51 a.m. Efficacy and Safety of Pegaptanib in Age-Related Macular Degeneration: Three-year Results of the V.I.S.I.O.N. Trials
Usha Chakravarthy
- 9:00 a.m. Retinal Pigment Epithelial Tears Following Intravitreal Macugen Injection for Age-Related Macular Degeneration
Christina Flaxel
- 9:09 a.m. Two-year Systemic Safety of Pegaptanib in Patients with Neovascular Age-Related Macular Degeneration: Results of the V.I.S.I.O.N. Trials
Lawrence J. Singerman, MD
- 9:18 a.m. Severe Systemic Allergic Responses Associated with Vitreous Injections of Pegaptanib Sodium
Stephen R. Russell
- 9:27 a.m. Richard and Hinda Rosenthal Foundation Lecture and Award Presentation
Title: Neovascular AMD in the Ranibizumab Era: What's Next for 2006?
Recipient: Anat Loewenstein, MD
Presenter: Susan Bressler, MD
- 9:47 a.m. Refreshment Break

Session VII: AMD Pharmacology, Part 2, Laser

Chair: Thomas Friberg

Moderator: Jason Slakter

- 10:05 a.m. Verteporfin Enhanced Feeder Vessel Therapy in Subfoveal Choroidal Neovascularization Secondary to Age-Related Macular Degeneration
William R. Freeman
- 10:14 a.m. PDT in Occult-only Lesions in (POOL): 12-Month Results of a Phase IV Open-Label Multicenter Study of Verteporfin Therapy for Occult with No Classic Subfoveal CNV Secondary to AMD
Daniel Pauleikhoff
- 10:23 a.m. Effect on High Contrast Discriminated Target Central Fields of Photodynamic Therapy with Verteporphyrin for CNVM Due to AMD
Stephen H. Sinclair
- 10:32 a.m. PDT and Intravitreal Triamcinolone for the Treatment of CNV-Results of a Large Case Series
Albert J. Augustin
- 10:41 a.m. Prospective Evaluation of Triple Therapy of Triamcinolone Intravitreal+PDT and Pegaptanib Sodium Injection for ARMD
Peter Liggett
- 10:50 a.m. Open-Label, Multicenter, Phase II Study Assessing the Effects of Ranibizumab (Lucentis) Administered in Conjunction with Verteporfin PDT
Ursula Schmidt-Erfurth
- 10:59 a.m. Extended Benefit of Combined Treatment for Wet AMD
Bert M. Glaser

- 11:08 a.m. Results of the Bilateral Arm of the PTAMD (Prophylactic Treatment of AMD) Trial
Thomas R. Friberg
- 11:17 a.m. Treatment of Retinal Angiomatous Proliferation Lesions in the Inner Retina with Focal Pulsed Laser
Robert P. Murphy
- 11:26 a.m. Anecortave Acetate Risk Reduction (AART) Study Clinical Update – Patient Demographics and Baseline Characteristics
Jason S. Slakter
- 11:35 a.m. Presentation of the J. Donald M. Gass Medal
Recipient: Emily Y. Chew, MD
Presenter: Frederick L. Ferris III, MD

Session VIII: Tumors

Chair: J. William Harbour

Moderator: Joan O'Brien

- 11:40 a.m. Neovascular Glaucoma Risk Factors and Outcome after Charged Particle Therapy of Uveal Melanoma
Devron H. Char
- 11:49 a.m. Molecular Predictive Testing Using Gene Expression Profiling of Fine Needle Biopsy Specimens in Uveal Melanoma
J. William Harbour
- 11:58 a.m. Long-Term Follow-Up of Patients in a Randomized Controlled Trial of 70 CGE Versus 50 CGE Proton Radiation for the Treatment of Ocular Melanoma
Evangelos S. Gragoudas
- 12:07 p.m. Treatment of Transgenic Murine Retinoblastoma with 4-iodo-3-nitrobenzamide (INO2BA), A Novel Chemotherapeutic Agent
Joan M. O'Brien
- 12:16 p.m. End of Session

SATURDAY, FEBRUARY 25, 2006

Session IX: Non-Diabetic Retinal Vascular Diseases

Chair: Alain Gaudric

Moderator: Don D'Amico

- 7:30 a.m. Fundus Autofluorescence: Beyond AMD
Lawrence A. Yannuzzi
- 7:39 a.m. Optical Coherence Tomography in Group 2 Juxtafoveolar Retinal Telangiectasis
Alain Gaudric
- 7:48 a.m. Lamina Puncture for Central Retinal Vein Occlusion
Donald J. D'Amico

7:57 a.m. Surgical Acceleration of Collateral Formation for Branch Retinal Vein Occlusion
Fumio Shiraga

Session X: Diabetes

Chair: Lloyd Aiello

Moderator: Julia Haller

- 8:06 a.m. Effect of the Orally-Administered PKC B Inhibitor, Ruboxistaurin, On Sustained Moderate Visual Loss in the Phase 3 PKC-DRS2 Study
Lloyd P. Aiello
- 8:15a.m. Initial Clinical Experience with a Patterned Scanning Laser (PASCAL) for the Treatment of Retinal Diseases
Julia A. Haller
- 8:24 a.m. Nitrate and Amino Acid Levels in the Vitreous of Proliferative Diabetic Retinopathy
Jose S. Pulido
- 8:33 a.m. Results of the Phase 1 Study of the Safety, Tolerability, and Bioactivity of Multiple Intravitreal Injections of Ranibizumab in Subjects with Diabetic Macular Edema
Quan Dong Nguyen
- 8:42 a.m. Vitrectomy with Drainage of Chronic Diabetic Cystoid Macular Edema Unresponsive to Other Treatments
Hilel Lewis
- 8:51 a.m. A Randomized Trial of Intravitreal Triamcinolone vs. Macular Laser Therapy for Persistent Clinically Significant Diabetic Macular Edema
Phil Hykin
- 9:00 a.m. Changes in Optical Coherence Tomography (OCT) Following Pegaptanib (Macugen) Therapy in Diabetic Individuals
Neil M. Bressler
- 9:09 a.m. A Relation Between Oxygen Saturation Levels in the Macula in Eyes with Diabetic Retinopathy and Flame-Shaped Hemorrhages
Shin Yoneya

Session XI: Surgery

Chair: James Tiedeman

Moderator: Matthew Thomas

- 9:18 a.m. Combined Pars Plana Vitrectomy/Lensectomy as a Primary Procedure for Idiopathic Macular Hole Repair Without Postoperative Prone Positioning
James S. Tiedeman
- 9:27 a.m. Arcuate Retinotomy for Repair of Very Large, Failed Macular Holes
Steve Charles

- 9:36 a.m. Comparison of Submacular Surgery and Natural History in Eyes with Large Submacular Hemorrhages from Exudative Macular Degeneration
John T. Thompson
- 9:45 a.m. Vitreous Consumes Oxygen: Implications for Vitrectomy Surgery
Nancy M. Holekamp
- 9:54 a.m. Long Term Follow-up of Patients with Surgical Removal of Extensive Peripapillary Choroidal Neovascularization Associated with Presumed Ocular Histoplasmosis Syndrome
Matthew A. Thomas
- 10:03 a.m. Refreshment Break

Session XII: Basic Science

Chair: Anthony Adamis

Moderator: Lawrence Morse

- 10:22 a.m. The Role of VEGF in Retinal Inflammation and Neuroprotection
Anthony P. Adamis
- 10:31 a.m. Anti-Angiogenic Efficacy of the Novel Antioxidant, OT-674, in Inhibiting Oxidative Stress and Growth Factor-Mediated Angiogenesis
Leonard M. Parver
- 10:40 a.m. The Role of Cell-Associated VEGF in Endothelial Cell Transmigration Across the Retinal Pigment Epithelium
Mary Elizabeth Hartnett
- 10:49a.m. Intravitreal Injection of Bone Marrow Derived Stem Cells after Laser Treatment to Central Retina
Dov Weinberger
- 10:58 a.m. Cholesterol Depletion Blocks Fas-Mediated Apoptosis and Membrane Raft Formation in Human RPE cells
Lawrence Morse
- 11:07 a.m. Pharmacological Manipulation of the Intracellular Fate of Misfolded P23H OPSIN
Shalesh Kaushal
- 11:16 a.m. Migration and Proliferation of Retinal Pigment Epithelium on Extracellular Matrix Ligands
Marco Zarbin
- 11:25 a.m. W. Richard Green Lecture and Presentation of Award
A reappraisal of retinal photocoagulation treatment parameters: the impact of power and duration on size and character of the burn
Recipient: Mark Blumenkranz, MD
Presenter: Lawrence J. Singerman, MD

Session XIII: Uveitis, Miscellaneous

Chair: Lee Jampol

Moderator: Craig Greven

- 11:45 a.m. Familial Aggregation Studies of the White Spot Syndrome
Lee M. Jampol
- 11:54 a.m. Visual Outcomes in Ocular Toxocariasis
Craig M. Greven
- 12:03 p.m. Combined Therapy of Systemic Steroids with Photodynamic Treatment: A Novel Strategy for
the Management of Idiopathic Choroidal Neovascularization
Alfonso Giovannini
- 12:21 p.m. End of Session and Meeting