

Macula Society Fluorescein Cases for 2007

WEDNESDAY, MAY 30, 2007

Fluorescein Angiography/Retinal Case Conference

- 4:00 - 5:55 p.m. Chair: Lawrence A. Yannuzzi
Moderator: H. Richard McDonald**
- 4:00 p.m. Amod Gupta
Idiopathic Central Serous Chorioretinopathy Complicating
Diabetic Retinopathy
- 4:05 p.m. Vishali Gupta
Bilateral Tubercular Macular Abscesses
- 4:10 p.m. H. Richard MacDonald
Unknown
- 4:15 p.m. Lawrence A. Yannuzzi
Mystery case
- 4:20 p.m. Charles C. Barr
Perifoveal Telangiectasia Type III
- 4:25 p.m. Richard Spaide
Unknown
- 4:30 p.m. Jerry Shields
Mystery case
- 4:35 p.m. Carol Shields
Atypical Coats Disease in an Infant
- 4:40 p.m. Jose Pulido
Optic Neuritis and Vitritis
- 4:45 p.m. Hayyam Kiratli
Cancer-associated Retinopathy
- 4:50 p.m. John R. Heckenlively
Unusual Bilateral Serous Retinopathy in an RP pt
- 4:55 p.m. Anita Agarwal
Mystery case
- 5:00 p.m. Jordi Mones
Mystery case
- 5:05 p.m. Anat Lowenstein
Unknown
- 5:10 p.m. Timothy Olsen
The Ophthalmologist with Photopsias

Macula Society Fluorescein Cases for 2007

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continued

- 5:15 p.m. Mark Johnson
Unknown
- 5:20 p.m. Jason Slakter
Mystery case
- 5:25 p.m. Gary Brown
ARMD Treatment, a Fabulous Case
- 5:30 p.m. M. Gilbert Grand
Giant Rips of the Retinal Pigment Epithelium
- 5:35 p.m. Wai-Man Chan
Bilateral Cystoid Macular Edema in a Woman
- 5:40 p.m. Jennifer Arnold
Hyperviscosity Maculopathy and Macular Detachments
- 5:45 p.m. Martine Mauget-Faysse
Complication of Anti-VEGF Therapy
- 5:50 p.m. Noemi Lois
Unknown
- 5:55 p.m. Leonard Joffe
Harada's Disease with Coats' Reaction
- 6:00 p.m. Break

Short Paper Session: 5 minutes plus 1 minute Discussion

6:10 – 7:32 p.m. Chair: John R. Heckenlively
Moderator: Mark Gilles

- 6:10 p.m. Stephen S. Feman
Economic Changes that will Transform your Practice
- 6:16 p.m. Wayne E. Fung
Electronic Medical Records in a Retinal Surgeon's Office:
A Four-Year Experience
- 6:22 p.m. Gary Brown
A Value-Based Medicine Analysis of Ranibizumab for the
Treatment of Subfoveal Neovascular Macular Degeneration

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continued

- 6:28 p.m. Anita Agarwal
Variability of Clinical Features in Choroideremia Families
- 6:34 p.m. Ingrid Kreissig
Frequency of Diabetic Retinopathy in the Adult Population in
China: The Beijing Eye Study
- 6:40 p.m. Jennifer I. Lim
Determination of HIF-1Alpha in Surgically Exercised
Preretinal Membranes of Diabetic Patients Compared to Non-
diabetic Patients
- 6:46 p.m. Judy E. Kim
Intraocular Pressure Changes Following Intravitreal Injections
in the Office
- 6:52 p.m. Mark Gilles
Histopathologic and Proteomic Analysis of an Eye with
Idiopathic Perifoveal Telangiectasia
- 6:58 p.m. Shin Yoneya
Vein Dilatation in Central Retinal Vein Occlusion Expresses
Retinal Ischemia
- 7:02 p.m. Naresh Mandava
Self-Reported Perception of Driving Function Following
Ranibizumab Treatment in Patients with Neovascular AMD
- 7:08 p.m. Tomohiro Iida
Early Morphologic Changes in Group 2A Idiopathic
Juxtafoveolar Retinal Teleangiectasis Using Fourier Domain
Optical Coherence Tomography
- 7:14 p.m. John R. Heckenlively
Five Cases of Melanoma Associated Retinopathy (MAR)
Syndrome
- 7:20 p.m. Simon P. Harding
Perfusion Abnormalities in Children with Cerebral Malaria
and Malarial Retinopathy
- 7:26 p.m. José A. Sahel
Adaptative Optics of Photoreceptors and Capillaries in
Humans

2007
Scientific Program

Thursday, Friday and Saturday

May 30 – June 2, 2007

London Hilton

London, England

THURSDAY, MAY 31, 2007

SESSION I

Hereditary Retinal Diseases, Miscellaneous Macular Diseases

(Discussion after each talk)

Chair: Paul S. Bernstein

Moderator: Jose S. Pulido

- 7:30 a.m. Pharmacological Chaperones and RP
Shalesh Kaushal
- 7:39 a.m. Evaluation of 4-Methylpyrazole (4-MP) as a Potential Dark Adaptation Inhibitor for the Long-Term Treatment of Stargardt Disease
Paul S. Bernstein
- 7:48 a.m. Follow Up Study of Reticular Pseudodrusen
Jennifer J. Arnold
- 7:57 a.m. The Incidence of Central Serous Chorioretinopathy in Olmsted County, Minnesota, 1980-2002
Jose S. Pulido
- 8:06 a.m. Photodynamic Therapy With Low Fluence Rate for Central Serous Chorioretinopathy: A Short Term Pilot Study
Franesco Boscia

SESSION II

AMD Genetics/Risk Factors

(Discussion after each talk)

Chair: Susan B. Bressler

Moderator: Andrew Lotery

- 8:15 a.m. Variants in the HTRA1 Gene Influence Risk of Neovascular Age-Related Macular Degeneration
Ivana Kim
- 8:24 a.m. Angiographic Features of Exudative AMD Associated with Homozygous HTRA1 and CFH Polymorphisms
Eric H. Souied
- 8:33 a.m. Does Ischemia Have a Role in the Development of CNV in AMD?
Juan E. Grunwald
- 8:42 a.m. Fundus Risk Factors for Developing Advanced AMD in the Second Eye of Patients with Unilateral CNV at Entry into the Submacular Surgery Trials
Susan B. Bressler
- 8:51 a.m. Linkage Disequilibrium Mapping in AMD Genes
Andrew Lotery

SESSION III

AMD Imaging

(Panel Discussion at end of session)

Chair: Carmen A. Puliafito

Moderator: Michaella Goldstein

- 9:00 a.m. OCT Risk Factors for RPE Rip in Eyes with PED Treated with Intravitreal Bevacizumab
Joseph Moisseiev
- 9:06 a.m. Short-term Response to Bevacizumab in Patients with Age-Related Macular Degeneration and Pigment Epithelial Detachments (PEDS): An Ocular Coherence Tomography (OCT) Study
Felice Piccolino
- 9:12 a.m. Early Retinal Changes Demonstrated by OCT Following Intravitreal Injection of Avastin® for Subfoveal CNV Secondary to AMD
Michaella Goldstein
- 9:18 a.m. An OCT Guided Variable-Dosing Regimen with Ranibizumab (Lucentis) in Neovascular AMD: Two Year Results of the PRONTO Study
Carmen A. Puliafito
- 9:24 a.m. Quantitative Comparison of Short-Term Anatomic Response Following Intravitreal Bevacizumab versus Ranibizumab Treatments for Neovascular Age-Related Macular Degeneration
Srimi Vas Sadda
- 9:30 a.m. Discussion 10 minutes
- 9:40 a.m. **Refreshment Break**

SESSION IV

AMD Visual Function/Psychosocial

(Panel Discussion at end of session)

Chair: Emily Y. Chew

Moderator: Neil M. Bressler

- 10:00 a.m. Multifocal Telescopic Intraocular Lens for Age-Related Macular Degeneration (AMD)
Gholam Peyman
- 10:06 a.m. Socioeconomic Factors and Visual Acuity at Presentation in Exudative Age-Related Macular Degeneration
Noemi Lois

- 10:12 a.m. Patient Reported Visual Function over 24 Months in Predominately Classic Neovascular AMD: Results from ANCHOR, a Phase III Trial of Ranibizumab and Vtreporfin PDT
Lawrence S. Morse
- 10:18 a.m. Visual Acuity Loss Associated with Advanced AMD Fundus Lesions and with the Simplified AREDS AMD Severity Scale
Emily Chew
- 10:24 a.m. Evidence that a Change of at Least 10 Letters is a Clinically Relevant Outcome in Neovascular AMD
Neil M. Bressler
- 10:30 a.m. Discussion 12 minutes
- 10:42 a.m. **Presentation of the Arnall Patz Medal**
Recipient: Jean-Jacques De Laey
- 10:47 a.m. **Rosenthal Foundation Lecture and Award Presentation**
Intraocular Corticosteroid Sustained Drug Delivery
Recipient: Glenn J. Jaffe
Presenter: William Mieler

SESSION V

Basic Science Drug Delivery (Discussion after each talk)

Chair: Anthony P. Adamis

Moderator: Henry J. Kaplan

- 11:07 a.m. Site Specific Macular Drug Delivery: The Next Step
Eugene DeJuan
- 11:16 a.m. Vitreous Pharmacolysis with Dispase
Henry J. Kaplan
- 11:25 a.m. Supra-Choroidal Drug Delivery
Tom Chang
- 11:34 a.m. Pharmacokinetics of Dexamethsone Following Intravitreal Implantation of 700 mcg Dexamethasone Posterior Segment Drug Delivery System in Vitrectomized and Nonvitrectomized Eyes
Baruch D. Kupperman
- 11:43 a.m. A Six-Month Macugen (Pegaptanib) Formulation for Intravitreal Injection
Anthony P. Adamis
- 11:52 a.m. **Presentation of the Arnall Patz Medal**
Recipient: Yural Yassur
Presenter: Anat Lowenstein

11:57 p.m. **Presentation of the Donald M. Gass Medal**

Recipient: Jerry Shields

Presenter: William S. Tasman

SESSION VI

Surgery

(Discussion after each talk)

Chair: H. Richard MacDonald

Moderator: David N. Zacks

12:02 p.m. Is ILM Peeling Necessary for Macular Hole Surgery?

Charles C. Barr

12:11 p.m. Vitreofoveal Traction Syndrome

William E. Smiddy

12:20 p.m. Long-Term Follow-up of Patients with Surgical Removal of Peripapillary Choroidal Neovascularization Associated with Optic Nerve Head Drusen

Matthew A. Thomas

12:29 p.m. Unexplained Visual Loss Following Routine Vitrectomy for Epiretinal Membrane

H. Richard MacDonald

12:38 p.m. Outcome of Patients Treated with 23-Gauge Transconjunctival Sutureless Vitrectomy for Various Posterior Segment Conditions

Gaurav K. Shah

Basic Science Miscellaneous

(Discussion after each talk)

12:47 p.m. A New Important Function of the Vitreous Gel

Nancy M. Holekamp

12:56 p.m. Photoreceptors, Angiogenesis and Retinal Edema

Wallace S. Foulds

1:05 p.m. In situ Differentiation of Bone Marrow Derived Stem Cells in Ischemic Retina

Dov Weinberger

1:14 p.m. Photoreceptor Neuroprotection: The Role of the FAS Signaling Pathway

David N. Zacks

1:23 p.m. **Adjourn**

FRIDAY, JUNE 1, 2007

Business Meeting

7:00 a.m. Macula Society members only

SESSION VII

AMD Basic Science

(Discussion after each talk)

Chair: Karl G. Csaky

Moderator: Timothy W. Olsen

- 7:30 a.m. Visual Cortex Plasticity in Age-Related Macular Degeneration-an FMRI Study
Anat Lowenstein
- 7:39 a.m. Topographic Variation of the Choroidal Watershed Zone and its Relation to Choroidal Neovascularisation in Patients with Age-Related Macular Degeneration
Pournaras Constantin
- 7:48 a.m. OT674 Significantly Increases the Anti-Angiogenic Activity of Lucentis or Avastin in the Chick Chorioallantoic Membrane
Len Parver
- 7:57 a.m. Mechanisms of Control of VEGF Gene Expression
Tim Stout
- 8:06 a.m. Changes in Select Redox Proteins of the Retinal Pigment Epithelium
Timothy W. Olsen
- 8:15 a.m. Electroretinographic Parameters in Monkey Eyes Following Intravitreal Injections of Bevacizumab and Pegaptanib
Karl G. Csaky
- 8:24 a.m. **Rosenthal Foundation Lecture and Award Presentation**
Recipient: Philip Rosenfeld
Presenter: Carmen Puliafito

SESSION VIII

NVAMD Pharmacology Monotherapy

(Panel Discussion at end of Ranibizumab talks,
and again at end of Bevicizumab talks)

Chair: William F. Mieler

Moderator: Mark W. Johnson

- 8:44 a.m. Two Year Fluorescein Angiography Results from the ANCHOR Study, Comparing Intravitreal Ranibizumab with Verteporfin in Predominantly Classic CNV Secondary to AMD
Victor Chong

- 8:50 a.m. Long-Term (3-Year) Experience with Lucentis® (Ranibizumab) in Patients with Neovascular Age-Related Macular Degeneration in Extension Study 2508
William F. Mieler
- 8:56 a.m. Lucentis® (Ranibizumab) in Neovascular Age-Related Macular Degeneration (AMD): Subgroup Analysis of First-Year Efficacy Data from the PIER Study
George A. Williams
- 9:02 a.m. Horizon Extension Study of Ranibizumab for Choroidal Neovascularization (CNV) Due to Age-Related Macular Degeneration (AMD): Six-Month Safety Results
Kang Zhang
- 9:08 a.m. Quantification of VA Improvements Over Two Years in the MARINA and ANCHOR Studies of Intravitreal Ranibizumab 0.3mg and 0.5mg for CNV Secondary to AMD
Jordi Mones
- 9:14 a.m. Discussion
- 9:26 a.m. Intravitreal Bevacizumab in Neovascular Age-Related Macular Degeneration: Clinical Evidence for a Dosing Interval of Two Months or More
Mark W. Johnson
- 9:32 a.m. Outcome of Bevacizumab (Avastin®) Injections in Patients with Age-Related Macular Degeneration and Low Visual Acuity
Ruth Siegel
- 9:38 a.m. Discussion
- 9:43 a.m. **Refreshment Break**

SESSION IX

NVAMD Pharmacology Combination Therapy

(Panel Discussion at end of session)

Chair: Jason S. Slakter

Moderator: Ursula Schmidt-Erfurth

- 10:03 a.m. Combined Photodynamic Therapy with Verteporfin and Intravitreal Bevacizumab in Age-Related Macular Degeneration
Oh Woong Kwon
- 10:09 a.m. Triple Therapy for the Treatment of Wet AMD
Indre Offerman
- 10:15 a.m. Verteporfin PDT Combined with Anti-VEGF Antibodies for CNV due to AMD: The Registry of Visudyne® AMD Therapy Database
Jason Slakter

- 10:21 a.m. Two-year Efficacy and Safety Results from the ANCHOR Study Comparing Monthly Intravitreal Ranibizumab 0.3mg and 0.5mg with Verteporfin PDT for Predominantly Classic CNV Lesions Secondary to AMD
Ursula Schmidt-Erfurth
- 10:27 a.m. Combination Treatment with Veretoporfin and Anti-VEGFs for Wet AMD
Kent Small
- 10:33 a.m. Focal Beta Irradiation and Concomitant Bevacizumab in Choroidal Neovascularisation in Age-Related Macular Degeneration; Results of a Pilot Randomized Trial
Usba Chakravarthy
- 10:39 a.m. Discussion
- 10:51 a.m. **W. Richard Green Lecture and Presentation of Award**
Recipient: Michael Marmor
Presenter: Mark Blumenkranz

SESSION X

Miscellaneous NVAMD Pharmacology

(Discussion after each talk)

Chair: James C. Folk

Moderator: Thomas R. Friberg

- 11:11 a.m. Evaluation of Efficacy and Safety in Maintaining Visual Acuity with Sequential Treatment of Neovascular AMD: The Level Study
Thomas R. Friberg
- 11:20 a.m. Intravitreal Avastin for Large Subfoveal Hemorrhage Due to ARMD
Robert A. Mittra
- 11:29 a.m. Intravitreal Anti-Angiogenic Injections for Large Submacular Hemorrhage
Ayala Pollack
- 11:38 a.m. A New Classification for Neovascular Age-Related Macular Degeneration
K. Bailey Freund

SESSION XI

AMD-GA

(Discussion after each talk)

Chair: James C. Folk

Moderator: Thomas R. Friberg

- 11:47 a.m. Immune-based Systemic Therapy with Copaxone for Dry Age-Related Macular Degeneration (AMD)
G. Landa

- 11:56 a.m. Risk Factors for Choroidal Neovascularization and Geographic Atrophy in the Complications of Age-Related Macular Degeneration Prevention Trial (CAPT)
James C. Folk
- 12:05 p.m. Measuring Progression of Geographic Atrophy and Changes in Lipofuscin Deposition in AMD and Stargardt Diseases
R. Theodore Smith

SESSION XII

Pharmacology – Miscellaneous Diseases (Discussion after each talk)

Chair: Alexander J. Brucker

Moderator: Douglas A. Jabs

- 12:14 p.m. Intravitreal Bevacizumab (Avastin®) for Myopic Choroidal Neovascularization: A Prospective Pilot Study
Wai-Man Chan
- 12:23 p.m. Dome-Shaped Macula in Myopic Posterior Staphyloma
Alain Gaudric
- 12:32 p.m. Intravitreal Bevacizumab (Avastin®) for Choroidal Neovascularization Secondary to Angioid Streaks
Alfonso Giovannini
- 12:41 p.m. A Double Blind, Randomized, Placebo Controlled, Two Session Balanced Study to Evaluate Visual Changes in Healthy Male Subjects Aged 18-55 Years After Receiving One Dose of Sildenafil, 200 mg Compared to Placebo
Alexander J. Brucker

SESSION XIII

Uveitis

(Discussion after each talk)

Chair: Alexander J. Brucker

Moderator: Douglas A. Jabs

- 12:50 p.m. Acute Zonal Occult Outer Retinopathy
Lawrence A. Yannuzzi
- 12:59 p.m. Visual Field Loss in Birdshot Chorioretinitis
Douglas A. Jabs
- 1:08 p.m. Intravitreal Avastin for Choroidal Neovascularization in Eyes with Quiescent Posterior Uveitis Following Retisert Implant Placement
Christina Flaxel
- 1:14 p.m. **Adjourn**

SATURDAY, JUNE 2, 2007

SESSION XIV

Diabetic Retinopathy/Diabetic Macular Edema

(Discussion follows talks)

Chair: Steven D. Schwartz

Moderator: Robert N. Frank

- 7:30 a.m. Clinical Results of the Treatment of Diabetic Macular Edema with Selective Retina Treatment (SRT)
Peter Hamilton
- 7:36 a.m. Multifactorial Interventions Before Laser Photocoagulation Improves Outcome of Diabetic Macular Edema
Anod Gupta
- 7:42 a.m. Comparative Functional and Anatomical Outcome Analysis of Intravitreal Pharmacotherapy for Diabetic Macular Edema
Tongalp Tezel
- 7:48 a.m. Spontaneous Closure of Microaneurysms in Diabetic Macular Edema on Correction of Coexisting Anemia
Vishali Gupta
- 7:54 a.m. Urokinase System – A Novel Target for Diabetic Retinopathy
Arup Das
- 8:00 a.m. Ultra-Wide Angle Angiographically Targeted Retinal Photocoagulation (TRP) Combined with Anti-VEGF Pharmacotherapy for the Treatment of Retinal Vascular Macular Edema
Steven D. Schwartz
- 8:06 a.m. Discussion

Miscellaneous Diabetic Retinopathy

(Discussion after each talk)

Chair: Lee M. Jampol

Moderator: Victor H. Gonzalez

- 8:19 a.m. Regression of Proliferative Diabetic Retinopathy: Pegaptanib Sodium versus Panretinal Photocoagulation
Victor H. Gonzalez
- 8:28 a.m. Revascularization of Nonperfused Area in Diabetic Retinopathy
Koichi Shimizu
- 8:37 a.m. Anticoagulant and Antihypertensive Drugs and Risk of Vitreous Hemorrhage in Patients with Proliferative Diabetic Retinopathy
Robert N. Frank

- 8:46 a.m. Phenotypes of Mild Nonproliferative Retinopathy in Type 2 Diabetes by Cluster Analysis
José Cunha Vaz
- 8:55 a.m. Comparison of Vitreo-macular Relationships Following Intravitreal Triamcinolone and Macular Laser for Diffuse Diabetic Macular Edema
Zdenek J. Gregor
- 9:04 a.m. **Paul Henkind Memorial Lecture**
Mitochondrial Stress and Age-Related Macular Degeneration
Recipient: Paul Sternberg
Presenter: Timothy Olsen
- 9:24 a.m. **Refreshment Break**

SESSION XV

Non-Diabetic Retinal Vascular Diseases (Discussion after each talk)

Chair: Richard F. Spaide

Moderator: Michael Ip

- 9:45 a.m. Macular Pigment Distribution and Simultaneous SLO/Spectral-Domain OCT in Type 2 Macular Telangiectasia
Frank G. Holz
- 9:54 a.m. Characteristics of Neovascularization in Macular Telangiectasia
Robert P. Murphy
- 10:03 a.m. Retinal Vessel Diameters and Risk of All-cause-specific Mortality
Paulus DeJong
- 10:12 a.m. Reading Center Evaluating of Baseline Retinal Images in the Standard Care vs. Corticosteroid for Retinal Vein Occlusion (SCORE) Trial
Barbara Blodi
- 10:21 a.m. Central Retinal Vein Occlusion Case Control Study
Richard F. Spaide
- 10:30 a.m. Anti-VEGF Therapy of Retinal Venous Occlusion with Intravitreally Administred Ranibizumab (Lucentis®)
Alfredo Pece
- 10:39 a.m. The Risk of Endophthalmitis Following Intravitreal Triamcinolone Injection in the DRCR net and SCORE Clinical Trials
Michael S. Ip
- 10:48 a.m. Pegaptanib Sodium Treatment of Macular Edema Following Central Retinal Vein Occlusion (CRVO)
Lawrence Singerman

SESSION XVI
Basic Science
Imaging
(Discussion after each talk)

Chair: John Marshall

Moderator: Michael Stur

- 11:07 a.m. Real Time Lesion Tracking in Ocular Fundus Image Sequences
Using a Scanning Digital Ophthalmoscope
Michael Stur
- 11:16 a.m. Dynamic Angiographic Features after Anti-VEGF Treatment
Giovanni Staurenghi
- 11:25 a.m. The Assessment of Ocular Coherence Tomography (OCT) as a
Predictor of Visual Acuity in Macular Oedema
John Marshall
- 11:34 p.m. Unbiased Objectives Classification of AMD Photographs
Michael D. Abramoff

SESSION XVII
Tumors
(Discussion after each talk)

Chair: Carol Shields

Moderator: Timothy G. Murray

- 11:43 a.m. Personalized Survival Prognostication for Patients with
Choroidal Melanoma
Bertil Damato
- 11:52 a.m. Peripheral Exudative Hemorrhagic Chorioretinopathy
Jerry A. Shields
- 12:01 p.m. Visual Acuity in 3,422 Consecutive Eyes with Choroidal Nevus
Carol Shields
- 12:10 p.m. Intravitreal Avastin in the Management of Post-Brachytherapy
Radiation Retinopathy in Patients with Posterior Uveal
Malignant Melanoma
Timothy G. Murray
- 12:19 p.m. Seven-Year Follow-Up of Patients with Uveal Melanoma Treated
with LINAC-Based Stereotactic Radiosurgery
Hayyam Kiratli
- 12:28 p.m. Survival in Patients with Early Diagnosis of Metastatic Ocular
Melanomas after Radiotherapy
Evangelos S. Gragoudas
- 12:26 p.m. **Adjourn**