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

~20~
Macula Society
Fluorescein Cases for 2007

Wednesday, May 30, 2007

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
Macula Society
Fluorescein Cases for 2007

Wednesday, May 30, 2007
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 Juxtafoveal Retinal Teleangiectasia 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 Kanshal

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
Francesco Bocci

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. Sonied

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

~24~
SESSION III
AMD Imaging
(Panel Discussion at end of session)

Chair: Carmen A. Puliafito  Moderator: Michella Goldstein

9:00 a.m.  OCT Risk Factors for RPE Rip in Eyes with PED Treated with Intravitreal Bevacizumab
Joe Moiseiev

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
Michella 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
Srini 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 Vetreporfin 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 Pharmacology 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

~26~
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. Shab

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. Electoretinographic 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
(Panels Discussion at end of Ranibizumab talks,
and again at end of Bevacizumab 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

-28-
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 Morc
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 Oferman

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

~29~
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 Verteporfin 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  
Usma Chakravartty

10:39 a.m. Discussion

10:51 a.m. W. Richard Green Lecture and Presentation of Award  
Recipent: 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  
Ayana 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

-30-
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. Jobs*

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. Jobs*

12:50 p.m. Acute Zonal Occult Outer Retinopathy  
*Lawrence A. Yannuzzi*

12:59 p.m. Visual Field Loss in Birdshot Chorioretinitis  
*Douglas A. Jobs*

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

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
Amod 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

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

-32-
8:46 a.m. Phenotypes of Mild Nonproliferative Retinopathy in Type 2 Diabetes by Cluster Analysis
José Cumba Varz

8:55 a.m. Comparison of Vitreomacular 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 Defong

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 Administered Ranibizumab (Lucentis®)
Alfredo Pesci

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