Macula Society
Fluorescein Cases for 2005

Wednesday, February 23, 2005
Fluorescein Angiography/Retinal Case Conference

4:30 - 5:45 p.m.  Chair:  Richard F. Spaide, M.D.
                  Moderator: Lee M. Jampol, M.D.

4:30 p.m.  Carol L. Shields
4:35 p.m.  Wayne F. Fung
4:40 p.m.  Anita Leys
4:45 p.m.  Jerry A. Shields
4:50 p.m.  Richard F. Spaide
4:55 p.m.  J. Fernando Arevalo
5:00 p.m.  Gregg T. Kokame
5:05 p.m.  Mark W. Johnson
5:10 p.m.  Salomon Y. Cohen
5:15 p.m.  Charles C. Barr
5:20 p.m.  Lee M. Jampol
5:25 p.m.  Arun Singh
5:30 p.m.  Paolo Lanzetta
5:35 p.m.  Gary C. Brown
5:40 p.m.  Helmut Buettner
5:45 p.m.  Michael II. Goldbaum
5:50-7:00 p.m.  Chair: Alexander J. Brucker, M.D.
                Moderator: Lawrence A. Yannuzzi, M.D.

5:50 p.m.    Caroline R. Baumal
5:55 p.m.    Travis A. Meredith
6:00 p.m.    Bernadette Snyers
6:05 p.m.    Paul S. Bernstein
6:10 p.m.    H. Culver Boldt
6:15 p.m.    James C. Folk
6:20 p.m.    Jose S. Pulido
6:25 p.m.    Jason S. Slakter
6:30 p.m.    Dante J. Pieramici
6:35 p.m.    Lawrence A. Yannuzzi
6:40 p.m.    Lawrence S. Morse
6:45 p.m.    Timothy W. Olsen
6:50 p.m.    Paulus T.V.M. de Jong
6:55 p.m.    Koichi Shimizu
2005
Scientific Program

Thursday, Friday and Saturday

February 24 – February 26, 2005
The Ritz Carlton
Key Biscayne, Florida

The Speaker Ready Room
for the entire meeting is
the Osborn Room
Thursday, February 25, 2005

7:25 a.m.   Welcome

SESSION I:
Tumors

Chair: J. Fernando Arevalo, M.D.  Moderator: James J. Augsburger, M.D.

7:30 a.m.   Clinical Cytogenetics of Choroidal Melanoma
            Bertil Daniato

7:39 a.m.   Evaluation of COMS Classification of Small Choroidal
            Melanoma
            Arun D. Singh

7:48 a.m.   Mortality after Diagnosis with Small Melanocytic Lesions of the
            Choroid
            Evangelos S. Gragoudas

7:57 a.m.   Primary Non-Ocular Cancers Among the Blind
            Stephen S. Feman

8:06 a.m.   Choroidal Osteoma: Factors Predictive of Tumor Growth, Tumor
            Decalcification, Choroidal Neovascularization, and Visual
            Outcome
            Jerry A. Shields

8:12 a.m.   Macular Retinoblastoma: Enhancement of Tumor Control with
            Immediate, Consecutive Laser Thermotherapy
            Timothy G. Murray

8:18 a.m.   Intravitreal Triamcinolone Acetonide for Acute Radiation
            Papillopathy
            Carol L. Shields

8:24 a.m.   Rosenthal Award Lecture
            “High Resolution diagnostics and selective treatments for neovascular
            macular degeneration”
            Recipient: Ursula Schmidt-Erfurth
            Presenter: George Williams

SESSION II:
Age-Related Macular Degeneration

Chair: Michael Klein, M.D.  Moderator: Caroline R. Baumal, M.D.

8:41 a.m.   Reduced Choroidal Blood Flow with Increasing AMD Severity
            Juan E. Grunwald
8:50 a.m.  The Burden of Macular Degeneration  
*Gary C. Brown*

8:59 a.m.  Cardiovascular Risk Factors and AMD Subtype  
*Usha Chakravartty*

9:08 a.m.  The Effect of AREDS Supplementation on Visual Acuity Loss in Eyes with Advanced Age-Related Macular Degeneration (AMD)  
*Emily Y. Chew*

9:17 a.m.  Multicenter Preferential Hyperacuity Perimeter (PHP) Study: Detecting Recent Onset Choroidal Neovascularization and Differentiating it from Intermediate Stage of AMD  
*Micah S. Ip*

9:23 a.m.  Characteristics of Choroidal Neovascularization in the Untreated Eye of C.A.P.T. Patients  
*Maureen G. Maguire*

9:29 a.m.  Clinicopathologic Correlation of Grid Laser Photocoagulation for Drusen in Age-Related Macular Degeneration  
*Micah L. Klein*

9:35 a.m.  **Presentation of the W. Richard Green Award Lecture**  
Choroidal Neovascularization  
*Recipient: Hans Edwin Grossniklaus*  
*Presenter: Daniel F. Martin*

9:55 a.m.  **Refreshment Break**

**SESSION III:**  
**Photodynamic Therapy**

*Chair: Alfonso Giovannini, M.D.  Moderator: Ursula Schmidt-Erfurth, M.D.*

10:15 a.m.  Retinal Anastomosis to the Lesion (RAL), aka “RAP”, in Occult with No Classic CNV: Impact on Verteporfin Therapy  
*Susan B. Bressler*

10:24 a.m.  Clinical Characteristics of Exudative Age-Related Macula Degeneration in Asian Patients and Response to Photodynamic Therapy  
*Gregg T. Kokame*

10:33 a.m.  Photodynamic Therapy of Subfoveal Choroidal Neovascularization in High Myopia in a Clinical Setting: Visual Outcome in Relation to Age at Treatment  
*Ruth Axer-Siegel*
10:42 a.m. Photodynamic Therapy with Verteporfin for Choroidal Neovascularization in Pathologic Myopia – Long-Term Results
Alfredo Pece

10:51 a.m. Verteporfin Early Retreatment (VER) – 24-Month Results of a Phase IIIIB Controlled Clinical Trial
Michael Star

11:00 a.m. Impact of Verteporfin Therapy on Progression from Minimally Classic to Predominately Classic CNV – 2-Year Results of the Verteporfin in Minimally Classic CNV Due to AMD (VIM) Trial
Jennifer I. Lim

11:06 a.m. Phase II Trial of Celecoxib and Photodynamic Therapy (C-PDT) for Neovascular Age-Related Macular Degeneration
Karl G. Csaky

11:15 a.m. Additional Benefit of PDT Treatment – Comparison of the Treated to the Untreated Fellow Eye
Anat Loewenstein

11:24 a.m. Verteporfin Therapy in Combination with Intravitreal Triamcinolone in Patients with CNV Due to AMD
Albert J. Augustin

11:33 a.m. Combined Photodynamic Therapy and Intravitreal Triamcinolone Acetonide for Subfoveal Choroidal Neovascularization in Age-Related Macular Degeneration. A Consecutive Series
Robert N. Johnson

11:42 a.m. Intravitreal Triamcinolone Acetonide Injection and Retinal Pigment Epithelium Detachments in Age-Related Macular Degeneration
Rosario Brancato

11:51 a.m. Photodynamic Therapy (PDT) and Intravitreal Triamcinolone for Subfoveal Choroidal Neovascularization in POHS, Inflammatory or Idiopathic Disease
Robert A. Mittra

11:57 a.m. Paul Henkind Memorial Lecture
On the Relationship of the Retinal Pigment Epithelium and the Choriocapillaris: Studies following the lead of Paul Henkind
Recipient: Robert N. Frank
Presenter: Gary W. Abrams

12:17 p.m. End of Session
FRIDAY, FEBRUARY 25, 2005

Business Meeting

7:00 a.m. Macula Society Members Only

SESSION IV:
Pharmacologic Treatment of Choroidal Neovascularization

Chair: Peter A. Campochiaro, M.D.     Moderator: Joan W. Miller, M.D.

7:30 a.m. AdPEDF Therapy for Subfoveal Choroidal Neovascularization (CNV): Preliminary Phase I Results
Robert N. Frank

7:39 a.m. Potent Stable siRNA to Human VEGF for the Treatment of Ocular Neovascular Disease
Joan W. Miller

7:48 a.m. Responsiveness of Self-Reported Visual Functioning in Age-Related Macular Degeneration (AMD) Patients to General Health and Changes in Visual Acuity in a Phase I/II Randomized Controlled Trial of Lucentis™ (ranibizumab; rhuFab V2)
Tom S. Chang

7:57 a.m. Systemic Anti-VEGF Therapy with Bevacizumab (Avastin®) for Neovascular Age-Related Macular Degeneration
Carmen A. Puliafito

8:06 a.m. A Combination Therapy that Leads to Blood Vessel Regression
Anthony P. Adams

8:15 a.m. Safety and Pharmacokinetics of Intravitreous Pegaptanib Sodium (Macugen™) in Patients with Exudative Age-Related Macular Degeneration (AMD)
Anthony Capone, Jr.

8:24 a.m. VEGF Inhibition Study in Ocular Neovascularization (VISION): Safety Assessment of Second Year Treatment with Macugen™ (Pegaptanib Sodium) for AMD
William F. Mieler

8:33 a.m. Second Year Efficacy Data from the VISION Study
Donald J. D'Annico
8:42 a.m. A Phase 2 Multi-Dose Pharmacokinetic Study of MSI-1256F (Squalamine Lactate) for the Treatment of Subfoveal Choroidal Neovascularization Associated with Age-Related Macular Degeneration  
Carl D. Regillo

SESSION V:  
Intravitreal Injections

Chair: Mark W. Johnson, M.D.  
Moderator: Charles C. Barr, M.D.

8:48 a.m. Risks of Intravitreous Injection: A Systematic Review  
Emmett T. Cunningham, Jr.

8:57 a.m. Effect of Intravitreal Triamcinolone Acetonide on Susceptibility to Experimental Bacterial Endophthalmitis  
Mark W. Johnson

9:06 a.m. Cataract Formation and Intraocular Pressure Complications of Intravitreal Triamcinolone for Cystoid Macular Edema  
John T. Thompson

9:15 a.m. Evolving Practice Guidelines for Intravitreous Injections  
Harry W. Flynn, Jr.

9:21 a.m. Presentation of the J. Donald M. Gass Medal  
Recipient: Gisele Soubrane  
Presenter: Eva Kohnen

9:26 a.m. Refreshment Break

SESSION VI:  
Other Treatments for Choroidal Neovascularization

Chair: Thomas Ciulla, M.D.  
Moderator: Jason S. Slakter, M.D.

9:46 a.m. Dye-Enhanced Photocoagulation (DEP) for Treatment of Choroidal Neovascularization in Age-Related Macular Degeneration: Interim, Preliminary Data from an On-Going Study  
Giovanni Staurenghi

9:55 a.m. Anecortave Acetate for Depot Suspension for Treatment of Exudative Age-Related Macular Degeneration (AMD)  
Allen C. Ho

10:04 a.m. Results from the TTT4CNV Clinical Trial  
Elias Reichel
10:13 a.m.  Treatment of Exudative AMD: What Can We Learn from Recent Clinical Trials?
  
  Jason S. Slakter

**Session VII:**
**Medical Retina**

*Chair: Salomon Y. Cohen, M.D.*  
*Moderator: Janet L. Davis, M.D.*

10:22 a.m.  Indocyanine Green Videoangiographic (ICGVA), Fluorescein Angiographic (FA) and Fundus Photographic Features of Retinal Angiomatous Proliferation (RAP) Confined to the Neurosensory Retina without Choroidal Neovascularization (CNV)
  
  Robert P. Murphy

10:31 a.m.  Maculopathy from Chorioretinal Folds
  
  Timothy W. Olsen

10:40 a.m.  Coats’ Disease: A Lifetime Disease
  
  William Tasman

10:49 a.m.  Macular Edema in Birdshot Retinochoroiditis
  
  Douglas A. Jabs

10:58 a.m.  Idiopathic Macular Telangiectasia
  
  Lawrence A. Yannuzzi

11:07 a.m.  The Cystoid Variant of Macular Degeneration in Chronic Central Serous Chorioretinopathy
  
  Felice Cardillo Piccolino

11:16 a.m.  Fundus Autofluorescence and Central Serous Chorioretinopathy
  
  Richard F. Spaide

11:25 a.m.  Choriocapillar Blood Perfusion in Normal Subjects and Patients with Central Serous Chorioretinopathy
  
  Shin Yoneya

11:31 a.m.  Three-Dimensional Optical Coherence Tomographic Features of Central Serous Chorioretinopathy
  
  Tomohiro Iida

11:37 a.m.  **Presentation of the Arnall Patz Medal**
  
  *Recipient: Harvey Lincoff*
  
  *Presenter: Arnall Patz*

11:42 a.m.  **Tribute to Arnall Patz**
SATURDAY, FEBRUARY 26, 2005

SESSION VIII:
Surgery

Chair: George A. Williams, M.D.  Moderator: Bert M. Glaser, M.D.

7:30 a.m.  Indocyanine Green-Assisted Internal Limiting Membrane Peeling for Macular Holes: Toxicity?
William Smiddy

7:39 a.m.  Infraocular Green-Assisted Peeling of the Internal Limiting Membrane in the Treatment of Idiopathic Macular Hole
Paolo Lanzetta

7:45 a.m.  ICG-Assisted Epiretinal Membrane Surgery
John R. Gonder

7:51 a.m.  Macular Microholes: Pathogenesis and Natural History
Zdenek J. Gregor

7:57 a.m.  Surgical Indications for Macular Schisis in Highly Myopic Eyes
Alain Gaudric

8:03 a.m.  Regional Anesthesia with Monitored Anesthesia Care for Surgical Repair of Selected Open Globe Injuries
Ingrid U. Scott

8:09 a.m.  Comparative Study of Therapeutic Modalities for Pit-Macular Syndrome
Shoji Kishi

8:18 a.m.  Vitrectomy Surgery Increases Oxygen Exposure to the Lens: A Possible Mechanism for Nuclear Cataract Formation
Nancy M. Holekamp

8:27 a.m.  Limited Macular Translocation Versus Photodynamic Therapy with Verteporfin for Subfoveal Neovascularization Secondary to Age-Related Macular Degeneration: Results of a Pilot Randomized Clinical Trial
Dante J. Pieramici

8:36 a.m.  Epiretinal Intraocular Prosthesis Surgery in Human Test Patients
Mark Humayun

8:45 a.m.  Treatment of Inflammatory Macular Edema with a Dexamethasone Posterior-Segment Drug Delivery System (Posurdex)
George A. Williams
8:54 a.m. Poor Vision after CNV Removal in AMD Originates Primarily from the RPE-Absent Bed and not from Pre-Existing Retinal Dysfunction  
_Cynthia A. Toth_

9:03 a.m. Telemedicine Screening for Clinically Significant Retinopathy of Prematurity: A Multicenter Clinical Trial  
_Steven D. Schwartz_

9:12 a.m. **Rosenthal Award Lecture**  
Translation Approaches to Treatment Advances in Retinoblastoma: The role of the Clinician Scientist  
_Recipient: Timothy Murray_  
_Presenter: Harry W. Flynn Jr._

**SESSION IX:**  
Submacular Surgery Trials  

_Chair: Paul S. Bernstein, M.D._  
_Moderator: Gholam A. Peyman, M.D._

9:29 a.m. Quality-of-Life Findings from the Submacular Surgery Trials (SST): Comparison and Interpretation  
_Barbara S. Hawkins_

9:38 a.m. Surgical Removal Versus Observation for Subfoveal Choroidal Neovascularization, Either Associated with the Ocular Histoplasmosis Syndrome or Idiopathic: Ophthalmic Findings from a Randomized Clinical Trial. SST Group H Trial. SST Report No. 9  
_Matthew A. Thomas_

9:47 a.m. Surgery for Subfoveal Choroidal Neovascularization in Age-Related Macular Degeneration: Ophthalmic Findings. SST Report No. 11  
_Paul Sternberg, Jr._

9:56 a.m. Surgery for Hemorrhagic Choroidal Neovascular Lesions of Age-Related Macular Degeneration: Ophthalmic Findings. SST Report No. 13  
_Neil M. Bressler_

10:05 a.m. Comparison of Two-Dimensional Reconstructions of Surgically-Excised Subfoveal Choroidal Neovascularization with Fluorescein Angiographic Features  
_David J. Wilson_

10:14 a.m. **Refreshment Break**
SESSION X:
Diabetic Retinopathy

Chair: Koichi Shimizu, M.D.  
Moderator: Glenn J. Jaffe, M.D.

10:34 a.m.  Ultrawide Angle Fluorescein Angiography in Eyes with Diabetic Macular Edema
            Thomas R. Friberg

10:43 a.m.  Safety and Efficacy of Pegaptanib Sodium (Macugen™) in Patients with Diabetic Macular Edema: Results of the Phase 2 Trial
            Lawrence J. Singerman

10:52 a.m.  Association Between Pre-treatment Variables and Response to Intravitreal Triamcinolone Acetonide in Diabetic Macular Edema
            Glenn J. Jaffe

11:01 a.m.  ISIS-DME: Intravitreal Steroid Injection for Refractory Diabetic Macular Edema
            David H. Orth

11:10 a.m.  Intravitreal Triamcinolone Associated with Grid Laser Photocoagulation for Diffuse Diabetic Macular Edema
            Francesco Bandello

11:19 a.m.  The Effect of HBA1C and Anti-Inflammatory Drug on the Course of Diabetic Retinopathy after Phacoemulsification in Diabetics
            Ayala Pollack

SESSION XI:
Basic Science

Chair: Dennis Marcus, M.D.  
Moderator: Henry J. Kaplan, M.D.

11:28 a.m.  Retinal Pigment Epithelial Migration on Extracellular Matrix: Comparison of Fetal and Aged RPE
            Marco A. Zarbin

11:37 a.m.  Vitreopharmacolysis with Dispase: Purification of the Active Constituent
            Lucian V. Del Priore

11:46 a.m.  Influence of Dietary Lipids on Severity of Choroidal Neovascularization and Apoptosis in a Murine Model
            Lawrence S. Morse

11:55 a.m.  Reelin Expression is Upregulated Following Ocular Tissue Injury
            Jose S. Pulido
12:01 p.m. Development of a Novel Bovine Eye Angiogenesis Model  
*Mandi D. Conway*

12:07 p.m. Minocycline Inhibits Photoreceptor Apoptosis Associated with Retinal Detachment  
*Jorge Arroyo*

**SESSION XII:**  
**Inherited Retinal Disease**

*Chair: Ingrid R. Kreissig, M.D.*  
*Moderator: James C. Folk, M.D.*

12:13 p.m. The Dilemma of the EOG: The Struggle to Monitor RPE Function Objectively  
*Michael F. Marmor*

12:22 p.m. Association of HLA Class I and II Polymorphisms with Age-Related Macular Degeneration  
*Andrew J. Lotery*

12:31 p.m. Bruch's Membrane in the Fibulin 5 Deficient Mouse  
*Edwin M. Stone*

12:37 p.m. Fibulin 2 and AMD  
*James C. Folk*

12:43 p.m. Autosomal Dominant Angioid Streaks  
*Paulus T.V.M. de Jong*

12:49 p.m. **End of Session and Meeting**