

# *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 H. Goldbaum

# *Macula Society Fluorescein Cases for 2005*

WEDNESDAY, FEBRUARY 23, 2005

continued

**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 Damato*
- 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 Chakravarthy*
- 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  
*Michael S. Ip*
- 9:23 a.m. Characteristics of Choroidal Neovascularization in the Untreated Eye of CAPT Patients  
*Maureen G. Maguire*
- 9:29 a.m. Clinicopathologic Correlation of Grid Laser Photocoagulation for Drusen in Age-Related Macular Degeneration  
*Michael 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 IIIB Controlled Clinical Trial  
*Michael Stur*
- 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. Mitra*
- 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. Adamis*
- 8:15 a.m. Safety and Pharmacokinetics of Intravitreal 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'Amico*

- 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 Intravitreal 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 Intravitreal Injections  
*Harry W. Flynn, Jr.*
- 9:21 a.m. **Presentation of the J. Donald M. Gass Medal**  
*Recipient: Gisele Soubrane*  
*Presenter: Eva Kohner*
- 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. Choriocapillary 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. Infracyanine 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**