

The Macula Society
34th Annual Meeting

Boca Raton, Florida
March 9-12, 2011

SCIENTIFIC PROGRAM

6:45 a.m. Young Member Mentor Lecture Key Note Speaker: Dr. William Mieler
The 8 minutes allotted time for each presentation includes time for discussion and audience polling

THURSDAY, March 10, 2011

Session I: Diabetes I

Chair: Anat Loewenstein

Moderator: Thomas Friberg

7:30 a.m.

Visual Outcomes and Risk Factors in Diabetic Patients at the Joslin Diabetes Center Lloyd Paul Aiello

7:38 a.m.

Blood pressure control for diabetic retinopathy: A Cochrane systematic review Robert Frank

7:46 a.m.

Comparison of Multiple Stereoscopic and Monoscopic Digital Image Formats to Film for Diabetic Macular Edema Evaluation Helen Li

7:54 a.m.

The Clinical Significance of Outer Retinal Layer Disruption in Diabetic Retinopathy Ayala Pollack

8:02 a.m.

Ranibizumab for Diabetic Macular Edema (DME): 24-Month Safety and Efficacy Results of RISE, a Phase III Randomized Controlled Trial Dennis Marcus

8:10 a.m.

Intravitreal bevacizumab for diabetic macular edema: 2 year results of the BOLT study Philip Hykin

8:18 a.m.

Factors Associated with Changes in Visual Acuity and OCT Thickness at One Year after Ranibizumab Treatment for Diabetic Macular Edema Judy Kim

8:26 a.m.

Effect of Pegaptanib on retinal capillary ischemia as measured by Optos wide angle angiography Thomas Friberg

8:34 a.m.

A long term outcome of vitrectomy for diabetic macular edema Shoji Kishi

8:42 a.m.

In Vivo Laser-Tissue Interactions in Central Involving Diabetic Macular Edema Treated with Subthreshold Micropulse Diode Laser Edoardo Midena

8:50 a.m.

Subthreshold Laser Treatment of Macular Edema in Patients with Diabetes Anat Loewenstein

Session II: AMD I

Chair: Cynthia Toth

Moderator: Philip Rosenfeld

9:00 a.m.

Risk Assessment Model for Advanced Age-Related Macular Degeneration Michael Klein

9:08 a.m.

Biomarkers of oxidative stress and genetic variants in age-related macular degeneration Milam Brantley

9:16 a.m.

Gene-gene interaction in age-related macular degeneration Peter Francis

9:24 a.m.

Genomics of Reticular Pseudodrusen in Age Related Macular Degeneration Anita Agarwal

9:32 a.m.

Quality of life measures in geographic atrophy from AMD Janet Sunness

9:40 a.m.

Is Primary Multifocal Geographic Atrophy in AMD a form of Reticular Macular Disease? Theodore Smith

9:48 a.m.

Treatment of Geographic Atrophy by the Topical Administration of OT-551: Results and Development of Outcome Measures Wai Wong

9:56 a.m.

Near-infrared autofluorescence pattern in early stages of age-related macular degeneration Maurizio Parodi

10:04 a.m.

Quantitative and Qualitative Assessment of the Macula with SDOCT in Eyes with Intermediate AMD Cynthia Toth

10:12 a.m.

A Novel Algorithm for Quantitative Imaging of Retinal Pigment Epithelial Deformations using Spectral Domain Optical Coherence Tomography Philip J. Rosenfeld

10:20 a.m. *BREAK*

Session III: Vein Occlusions/Macular Structure&Function

Chair: Vas Satta

Moderator: Richard Spaide

10:40a.m.

Long-term outcome of central retinal vein occlusion presenting with perivenular whitening Martine Mauget-Faysse

10:48 a.m.

Safety and efficacy outcomes of open-label ranibizumab in retinal vein occlusion: HORIZON extension study Jeffrey Heier

10:56 a.m.

Duration of Macular Edema Influences Clinical Outcomes in Patients with Retinal Vein Occlusion Following Treatment With Dexamethasone Intravitreal Implant Tien Wong

11:04a.m.

RAVO-Study: Combined treatment of macular edema following central retinal vein occlusion with intravitreal 0.5mg Ranibizumab and isovolemic hemodilution Siegfried Priglinger

11:12 a.m.

Structure-Function Correlation of the Human Central Retina Hendrik Scholl

11:20 a.m.

Analysis of retinal photoreceptor layer in resolved central serous chorioretinopathy by adaptive optics scanning laser ophthalmoscopy Nagahisa Yoshimura

11:28 a.m.

SDOCT Localization of Lamellar Macular Hole Schisis H. McDonald

11:36 a.m

SDOCT Findings in Solar Maculopathy John Loewenstein

11:44 a.m.

Macular morphological changes that correlate with visual outcome in eyes with surgically closed macular hole: Correlation between Visual Acuity and Inner Macular Volume. Susanna Park

11:52a.m.

Macular Complications of Tilted Disc Syndrome Salomon Cohen

12:00 p.m.

Structural and Functional Correlation in Sickle Cell Retinopathy Using Microperimetry Testing and SDOCT Imaging Jennifer Lim

12:08 p.m.

Choroidal Thickness Variation in the Posterior Pole of Normal Eyes as Assessed by Optical Coherence Tomography Srini Sadda

12:16 p.m.

Treatment of Chronic Central Serous Chorioretinopathy with Topical Ketotifen Fumarate Jason Slakter

12:24 p.m.

Choroidal Thickness and Visual Acuity in Highly Myopic Eyes Richard Spaide

12:32 p.m. **Presentation of the J. Donald M. Gass Medal**
Recipient: Janet Sunness
Presenter: Morton Goldberg

12:40 p.m. **Presentation of Green Lecture and Award**
Recipient: David Zacks
Presenter: Joan Miller

1:04 p.m. Session Ends

FRIDAY, March 11, 2011

Business Meeting

7:00 a.m. Macula Society Members Only

Session IV: AMD II

Chair: David Boyer

Moderator: R.Olk

7:30 a.m.
Age-Related Macular Degeneration Risk Alleles and Response to Treatment with anti-VEGF Agents
James Folk

7:38 a.m.
Early Detection Of Exudative Age-related Macular Degeneration With A Home-based Preferential Hyperacuity Perimeter Daniel Roth

7:46 a.m.
Hyperacuity perimetry in the detection of onset of neovascular AMD Usha Chakravarthy

7:54 a.m.
Potential New Non-Invasive Approach for Visualizing Choroidal Neovascularization Neil Bressler

8:02 a.m.
Hyper-Reflective Dots and outer retinal layers changes in Exsudative AMD: prognostic value .A novel Spectral Domain Optical Coherence Tomography Findings. Gabriel Coscas

8:10a.m.
Ranibizumab-induced reduction in the total area of predominantly classic choroidal neovascularization in patients with age-related macular degeneration Karl Csaky

8:18 a.m.
Association between restoration of photoreceptor integrity and visual outcome after anti-VEGF treatment in exudative age-related macular degeneration Hyoung Jun Koh

8:26 a.m.

Correlation of retinal morphology and function under anti-VEGF therapy in age-related macular degeneration (AMD) Ursula Schmidt-Erfurth

8:34 a.m.

12-month treatment with intravitreal ranibizumab for wet AMD in a “real world” clinical setting Paolo Lanzetta

8:42 a.m.

Treatment of Asymptomatic Fluid in the Second Eye of Patients with Neovascular Age-related Macular Degeneration after Detection with Spectral Domain OCT Lucian Del Priore

8:50 a.m.

Macular thickness by TD-OCT after the injection of Ranibizumab or Bevacizumab for the treatment of choroidal neovascular membrane associated with age related macular degeneration.
Francisco Rodriguez

8:58 a.m.

Response to Bevacizumab Therapy Cause Significant Changes to the Vitreous Proteome in Patients with Wet AMD Bert Glaser

9:06 a.m.

Intravitreal bevacizumab for the treatment of patients with low-vision due to neovascular AMD
Francesco Bandello

9:14 a.m.

RPE atrophy in patients with exudative AMD undergoing anti-VEFG therapy Noemi Lois

9: 22 a.m.

Occurrence Of Macular Haematoma After Intravitreal Injections Of Ranibizumab In Exudative Age-Related Macular Degeneration Gisele Soubrane

9:30 a.m.

A new grading system for RPE tears to assess the long-term prognosis with and without continued antiVEGF therapy David Sarraf

9:38 a.m.

Triple Therapy for Subfoveal Classic Choroidal Neovascularization (CNV) in Age-Related Macular Degeneration (ARMD) R. Olk

9:46 a.m.

Macular EpiRetinal Brachytherapy in Treated Age Related Macular Degeneration Patients (MERITAGE): 18 Month results David Boyer

9:54 a.m.

Award: Young Investigator
Recipient: K. Bailey Freund
Presenter: Alexander Brucker

10:18 a.m. *BREAK*

Session V: Diabetes II

Chair: David Brown

Moderator: Andreas Lauer

10:38 a.m.

Expanded 2-year Follow-up of a Trial Evaluating Ranibizumab Plus Prompt or Deferred Laser or Triamcinolone Plus Prompt Laser for DME Michael Elman

10:46 a.m.

Ranibizumab or triamcinolone with focal/grid laser for eyes with diabetic macular edema requiring panretinal photocoagulation. Alexander Brucker

10:54 a.m.

Cost-Effectiveness Analysis of the DRCR Network Protocol I Evaluating Ranibizumab Plus Prompt or Deferred Laser or Triamcinolone Plus Prompt Laser for Diabetic Macular Edema Rajendra Apte

11:02 a.m.

Frequency of Intraocular Pressure Increase within Days After Intravitreal Triamcinolone Injections in the Diabetic Retinopathy Clinical Research Network Andreas Lauer

11:10 a.m.

(fluocinolone acetonide intravitreal insert for macular edema) Studies: Month 36 Results David Brown

Session VI: Miscellaneous

Chair: Michael Marmor

Moderator: Michel Farah

11:18 a.m.

Understanding and Reporting Visual Acuity Measurements in Publications of Clinical Research in Retina Susan Bressler

11:26 a.m.

Near visual acuity in patients with macular disease: Performance with printed and electronic displays
Mark Blumenkranz

11:34 a.m.

Low-Flow Lesion (LFL): A Distinct Subtype of Choroidal Neovascularization? Rogerio Costa

11:42 a.m.

Lesion Size and Visual Prognosis of Polypoidal Choroidal Vasculopathy Akitaka Tsujikawa

11:50 a.m.

Near-Infrared Autofluorescence in Patients with Idiopathic Submacular Choroidal Neovascularization
Tomohiro Iida

11:58 a.m.

Quantitative assessment of the 103-hexagon multifocal electroretinogram in detection of hydroxychloroquine retinal toxicity Dennis Han

12:06 p.m.

Comparison of Diagnostic Tests in Hydroxychloroquine Toxicity Michael Marmor

12:14 p.m.

Estimation of visualization of vital dyes used for macular surgery by luminance contrast Kazuaki Kadonosono

12:22 p.m.

Evaluation of novel vital dyes for vitreoretinal surgery Michel Farah

12:30 p.m.

Presentation of the Arnall Patz Award

Recipient: Leonidas Zografos

Presenter: Evangelos Gragoudas

12:38 p.m.

Paul Henkind Memorial Lecture and Award Presentation

Recipient: Joan Miller

Presenter: Julia Haller

1:02 p.m.

End of Session

SATURDAY, March 12, 2011

Session VII: Pediatrics/Tumors

Chair: Evan Gragoudas

Moderator: Jerry Shields

7:30 a.m.

ROP Screening: Mitigating Malpractice Risk and Maximizing Efficient Use of Physician Resources

Antonio Capone, Jr.

7:38 a.m.

A Case-Control Study of Bevacizumab for Coats Disease in Children G. Baker Hubbard, III

7:46 a.m.

Intra-arterial chemotherapy for advanced retinoblastoma. The good news and the bad news. Carol Shields

7:54 a.m.

GEP Class and Cytopathologic Category of Uveal Melanocytic Tumors Cells in 154 Cases James

Augsburger

8:02 a.m.

Ranibizumab in Combination with Proton Beam Irradiation for Choroidal Melanoma: One-Year Results

Ivana Kim

8:10 a.m.

Metastatic Uveal Melanoma- Targeted molecules may be the answer David Abramson

8:18 a.m.

PARANEOPLASTIC BILATERAL DIFFUSE UVEAL MELANOCYTIC PROLIFERATION is caused by a factor found in the IgG fraction of serum Jose Pulido

8:26 a.m.

“Wide field (150°) angiography in Melanocytic Tumors before and after irradiation treatment” Leonidas Zografos

8:34 a.m.

Radiation Dose and Optic Nerve Damage Evangelos Gragoudas

8:42 a.m.

The expanding spectrum of retina vasoproliferative tumors Jerry Shields

Session VIII: Inflammation/Endophthalmitis/Retinal Degenerations

Chair: Edwin Stone

Moderator: Henry Kaplan

8:50 a.m.

Focal Retinal Phlebitis Lawrence Yannuzzi

8:58 a.m.

Endogenous Fungal Endophthalmitis: Causative organisms, management strategies and visual acuity outcomes Thomas Albin

9:06 a.m.

Ophthalmic Antibiotics and Antimicrobial Resistance: A Randomized, Controlled Study of Patients Undergoing Intravitreal Injections Stephen Kim

9:14 a.m.

Perioperative Management of Patients with Reported Povidone-Iodine or Penicillin / Cephalosporin Allergies Harry Flynn

9:22 a.m.

Trusopt For Treatment of Macular Edema in Patients With Hereditary Retinal Diseases Gerald Fishman

9:30 a.m.

Longitudinal assessment of parafoveal rings of high density fundus autofluorescence in retinitis pigmentosa. Anthony Robson

9:38 a.m.

Phenotypic variability in autosomal recessive bestrophinopathy (ARB) Graham Holder

9:46 a.m.

Photoreceptor Regeneration in a Swine Model of Retinal Damage Henry Kaplan

9:54 a.m.

Use of patient specific iPSCs to model retinal degenerative disease Edwin Stone

10:02 a.m. Break

Session IX: Vitreomacular Traction/Surgery

Chair: Nancy Holekamp

Moderator: J. Fernando Arevalo

10:23 a.m.

A single injection of ocriplasmin for the treatment of symptomatic vitreomacular adhesion (sVMA): Results of the Phase III MIVI-TRUST Program Julia Haller

10:31 a.m.

Time domain OCT vs Spectral Domain OCT to Evaluate Vitreomacular Adhesion, Macular Hole, and ERM in a Prospective Randomized Vitreous Pharmacolysis Trial Glenn Jaffe

10:39 a.m.

Morphology of surgical ILM-specimens in macular hole Anselm Kampik

10:47 a.m.

Swelling of the Arcuate Retinal Nerve Fiber Layer after Internal Limiting Membrane Peeling for Idiopathic Macular Hole and Epiretinal Membrane Removal Antonio Ciardella

10:55 a.m.

Minimalist Pars Plana Vitrectomy For Repair Of Primary Rhegmatogenous Retinal Detachment Mark Johnson

11:03 a.m.

Cauterization For Leaking Sclerotomies After Small-gauge Transconjunctival Pars Plana Vitrectomy
Francesco Boscia

11:11 a.m.

Rhegmatogenous Retinal Detachment after Laser-assisted In Situ Keratomileusis (LASIK) for Myopia of up to -10 Diopters: Ten years of Follow-up J. Fernando Arevalo

11:19 a.m..

Why Vitrectomy Causes Glaucoma Nancy Holekamp

Session X: Basic Science

Chair: Timothy Olsen

Moderator: Elizabeth Hartnett

11:27 a.m.

Identification of Small Molecule Therapeutics for ARMD Shalesh Kaushal

11:35 a.m.

Expression of Chemokines Receptors in Sub-Populations of White Blood Cell from Patients with Age-related Macular Degeneration Itay Chowers

11:43 a.m..

Identification of Rational Therapeutic Targets in Retinal Angiogenesis Franco Recchia

11:51 a.m.

Control Sustained Release from Biodegradable Thermo-Responsive Hydrogel William Mieler

11:59 a.m.

Novel delivery platform for dexamethasone sodium phosphate via PLGA nanospheres encapsulated within thermo-responsive hydrogel Jennifer Kang-Mieler

12:07 pm.

The Role of Rap1 GTPase in Reducing CNV in Models of Neovascular AMD Mary Elizabeth Hartnett

12:15 p.m.

Regression of Surgically Induced Choroidal Neovascularization in the Porcine Model Timothy Olsen

12:23 p.m.

Targeting CC Chemokines in Diabetic Retinopathy Arup Das

12:31 p.m.: End of Session and Meeting