



## ARVO 2010

**FORT LAUDERDALE MAY 2 – May 6**

### **THE NEW YORK EYE & EAR INFIRMARY NEW YORK MEDICAL COLLEGE**

Sunday, May 2, 2010 8:30 - 10:15 AM

192/A415 - Impact of Corneal Thickness on the Observed Incidence of Glaucoma N.I. Hayashi<sup>1</sup>, M. Shimmyo<sup>2</sup>, N.M. Radcliffe<sup>3</sup>, A. Gruner<sup>4</sup>. <sup>1</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY; <sup>2</sup>Ophthalmology, New York Medical College, New York, NY; <sup>3</sup>Ophthalmology, Weill Cornell Medical College, New York, NY; <sup>4</sup>Ophthalmology, Moorefield Hospital, London, United Kingdom. Poster Session 109. Clinical Research and Drug Studies in Glaucoma  



Sunday, May 2, 2010 8:30 - 10:15 AM

Sunday, May 2, 2010 8:30 - 10:15 AM

380/D867 - Knockdown of HO-2 but Not HO-1 Impairs Corneal Wound Healing A. Halilovic<sup>1A</sup>, K.A. Patil<sup>1A</sup>, K. Castellano<sup>1A</sup>, L. Bellner<sup>1A</sup>, G. Cullaro<sup>1A</sup>, S. Inaganti<sup>1A</sup>, M.W. Dunn<sup>1A,1B</sup>, M.L. Schwartzman<sup>1A,1B</sup>. <sup>A</sup>Pharmacology, <sup>B</sup>Ophthalmology, <sup>1</sup>New York Medical College, Valhalla, NY. Poster Session 114. Corneal Wound Healing I

Sunday, May 2, 2010 8:30 - 10:15 AM

Sunday, May 2, 2010 8:30 - 10:15 AM


213/A481 - Does Ganglion Cell Complex Scan Predict Glaucoma Earlier Than Retinal Fiber Layer Thickness Map in Suspects and Glaucoma Patients Using Fourier Domain OCT? F.N. Kanadani<sup>1,2</sup>, T.C. Kanadani<sup>3A</sup>, E.R. Diniz<sup>3A</sup>, V. Rezende<sup>3B</sup>, S.K. Dorairaj<sup>4</sup>, N.V. Lima<sup>5</sup>, T.S. Prata<sup>6</sup>. <sup>1</sup>Ophthalmology/Glaucoma, New York Eye and Ear Infirmary, Belo Horizonte, Brazil; <sup>2</sup>Ophthalmology/Glaucoma, SANTA CASA OF BELO HORIZONTE/UNIFESP, Belo Horizonte, Brazil; <sup>A</sup>Ophthalmology, <sup>B</sup>Ophthalmology/Glaucoma, <sup>3</sup>Santa Casa de Belo Horizonte, Belo Horizonte, Brazil; <sup>4</sup>Glaucoma, Einhorn Rsch Center, NYEE, New York, NY; <sup>5</sup>Ophthalmology/Glaucoma, Hospital Sao Geraldo, Belo Horizonte, Brazil; <sup>6</sup>Ophthalmology, New York Eye & Ear Infirmary, New York, NY. Poster Session 110. Retinal Imaging in Glaucoma  

Sunday, May 2, 2010 8:30 - 10:15 AM

Sunday, May 2, 2010 8:30 - 10:15 AM

272/D625 - Relationship Between Drusen Autofluorescence Changes Exposed by Heidelberg Retina Angiograph and Drusen Ultrastructure Revealed by Spectral Domain Optical Coherence Tomography in Dry AMD Patients G. Landa<sup>1,2</sup>, R.B. Rosen<sup>3A,2</sup>, J. Pilavas<sup>1</sup>, P.M. Garcia<sup>3B,2</sup>. <sup>1</sup>Department of Ophthalmology, New York Eye and Ear Infirmary, New York, NY; <sup>2</sup>Department of Ophthalmology, New York

Medical College, Valhalla, NY; A Ophthalmology, B Retina Center, 3 New York Eye & Ear Infirmary, New York, NY. Poster Session

111. Posterior Imaging I 


Sunday, May 2, 2010 8:30 - 10:15 AM

Sunday, May 2, 2010 8:30 - 10:15 AM

333/D686 - Correlation Between Retinal Sensitivity, Tested by Microperimetry, and the Status of Underlying Inner/outer Segment Junctional Photoreceptor Layer, Assessed by Spectral Domain Optical Coherence Tomography in Central Serous Retinopathy J.T. Nezgoda<sup>1</sup>, G. Landa<sup>1,2</sup>, E. Su<sup>2</sup>, P.M.T. Garcia<sup>1,2</sup>, R.B. Rosen<sup>1</sup>.

<sup>1</sup>Ophthalmology, The New York Eye & Ear Infirmary, New York, NY;

<sup>2</sup>Ophthalmology, New York Medical College, Valhalla, NY. Poster Session

112. Posterior Imaging II 

Sunday, May 2, 2010 8:30 - 10:15 AM

Sunday, May 2, 2010 8:30 - 10:15 AM

380/D867 - Knockdown of HO-2 but Not HO-1 Impairs Corneal Wound Healing A.

Halilovic<sup>1A</sup>, K.A. Patil<sup>1A</sup>, K. Castellano<sup>1A</sup>, L. Bellner<sup>1A</sup>, G. Cullaro<sup>1A</sup>, S. Inaganti<sup>1A</sup>,

M.W. Dunn<sup>1A,1B</sup>, M.L. Schwartzman<sup>1A,1B</sup>. A Pharmacology, B Ophthalmology, <sup>1</sup>New York Medical College, Valhalla, NY.

Sunday, May 2, 2010 8:30 - 10:15 AM

383/D870 - A Randomized, Double-Mask, Placebo-Controlled, Dose-Response,

Phase 2 Study of the Safety and Efficacy of Thymosin Beta 4 in the Treatment of

Diabetic Patients' Corneal Wounds Resulting From Epithelial Debridement During

Vitrectomy B.H. Jeng<sup>1</sup>, G. Sosne<sup>2</sup>, S. Srivastava<sup>3</sup>, D.M. Marcus<sup>4</sup>, R.C. Gentile<sup>5</sup>, L.

Martin<sup>6</sup>, D. Crockford<sup>6</sup>. <sup>1</sup>Ophthalmology, University of California San Francisco, San

Francisco, CA; <sup>2</sup>Ophthalmology and Anatomy & Cell Biology, Wayne State Univ Sch

of Med, Detroit, MI; <sup>3</sup>Emory University Eye Center, Atlanta, GA; <sup>4</sup>Ophthalmology,

Southeast Retina Center, Augusta, GA; <sup>5</sup>Ophthalmology, New York Eye & Ear

Infirmary, New York, NY; <sup>6</sup>RegeneRx Biopharmaceuticals, Inc, Bethesda, MD. Poster Session

114. Corneal Wound Healing I

Sunday, May 2, 2010 8:30 - 10:15 AM

Sunday, May 2, 2010 8:30 - 10:15 AM

386/D873 - Targeted Suppression of Heme Oxygenase (HO)-2 Gene Expression

Impairs the Innate Anti-Inflammatory and Repair Responses of the Cornea to Injury

L. Bellner<sup>1A</sup>, K.A. Patil<sup>1A</sup>, A. Halilovic<sup>1A</sup>, K. Castellano<sup>1A</sup>, G. Cullaro<sup>1A</sup>, M.W.




Dunn<sup>1B,1A</sup>, M.L. Schwartzman<sup>1A,1B</sup>. A Pharmacology, B Ophthalmology, <sup>1</sup>New York Medical College, Valhalla, NY. Poster Session




114. Corneal Wound Healing I



Sunday, May 2, 2010 8:30 - 10:15 AM



Sunday, May 2, 2010 8:30 - 10:15 AM

416/D1076 - Proteomics, Lipidomic & Angiogenesis- Normal & Allergic Tears R.A.

Sack<sup>1</sup>, P. Iserovich<sup>1</sup>, S. Sathe<sup>1</sup>, A. Beaton<sup>1</sup>, A. Leonardi<sup>2</sup>, K.H. Gotlinger<sup>3</sup>, L. Bellner<sup>3</sup>, M. Dunn<sup>3</sup>, M. Ianiado Schwartzman<sup>3</sup>. <sup>1</sup>Biological Sciences, SUNY-Opt, New York, NY; <sup>2</sup>Dept. of Neuroscience, Ophthalmology Uni, University of Padova, Padova, Italy; <sup>3</sup>Pharmacology, New York Medical College, Valhalla, NY. Poster Session  
115. Immunity, Inflammation and Degeneration     
Sunday, May 2, 2010 8:30 - 10:15 AM



Sunday, May 2, 2010 11:15 AM - 1:00 PM  
508/A154 - Analysis of Drusen Reduction in Dry AMD Patients in Copaxone Study Assessed by High Resolution Spectral Domain Optical Coherence Tomography A. Patel<sup>1</sup>, G. Landa<sup>1,2</sup>, P. Garcia<sup>1,2</sup>, R. Rosen<sup>1,2</sup>. <sup>1</sup>Department of Ophthalmology, New York Eye and Ear Infirmary, New York, NY; <sup>2</sup>Department of Ophthalmology, New York Medical College, New York, NY. Poster Session  
121. AMD II     
Sunday, May 2, 2010 11:15 AM - 1:00 PM

Sunday, May 2, 2010 11:15 AM - 1:00 PM  
555/A351 - Methods for Intraocular Pressure Measurement: Evaluation of Agreement Between Goldmann Applanation Tonometry and Goldmann Correlated Intraocular Pressure With Reichert's Ocular Response Analyzer C.E. Fraser<sup>1</sup>, J.R. Ehrlich<sup>1</sup>, S.J. Haseltine<sup>1</sup>, M. Shimmyo<sup>2</sup>, N.M. Radcliffe<sup>1</sup>. <sup>1</sup>Ophthalmology, Weill Cornell Medical College, New York, NY; <sup>2</sup>Ophthalmology, New York Medical College, New York, NY. Poster Session  
123. Intraocular Pressure and Modifiers    
Sunday, May 2, 2010 11:15 AM - 1:00 PM

Sunday, May 2, 2010 11:15 AM - 1:00 PM  
581/A377 - Comparison of Intraocular Pressure by Goldmann Applanation Tonometry vs. Dynamic Contour Tonometry in Normal Subjects and Glaucoma Patients Treated by Ganfort and Duotrav Before, During and After Aerobic Exercise E.R. Diniz<sup>1</sup>, N.V. Lima<sup>2</sup>, F.N. Kanadani<sup>3</sup>, H.H. Russ<sup>4</sup>, B.P. Figueiredo<sup>2</sup>, T.C.M. Kanadani<sup>1</sup>, A.P. Tupynamba<sup>5</sup>, S.K. Dorairaj<sup>6</sup>. <sup>1</sup>Santa Casa de Belo Horizonte - MG, Belo Horizonte, Brazil; <sup>2</sup>Hospital Sao Geraldo - UFMG, Belo Horizonte, Brazil; <sup>3</sup>Ophthalmology/Glaucoma, Santa Casa de Belo Horizonte - MG / UNIFESP, Belo Horizonte, Brazil; <sup>4</sup>Ophthalmology, Instituto Graefe de Oftalmologia, Curitiba, Brazil; <sup>5</sup>Hospital de Base do Distrito Federal, Brasilia, Brazil; <sup>6</sup>Glaucoma, Einhorn Rsch Center, NYEE, New York, NY. Poster Session  
123. Intraocular Pressure and Modifiers    
Sunday, May 2, 2010 11:15 AM - 1:00 PM

Sunday May 2, 2010 22:25 - 1:00 PM  
647/A555 Spectral Domain OCT Parameters to Measure Papilledema due to Intracranial Hypertension G.M. Mandel<sup>1</sup>, M. Durbin<sup>2</sup>, M.J. Kupersmith<sup>3</sup>, R.H. Kardon<sup>4</sup>. <sup>1</sup>Neuro-Ophthalmology, St Lukes Roosevelt Hospital, Brooklyn, NY; <sup>2</sup>R & D, Carl Zeiss Meditec, Inc, Dublin, CA; <sup>3</sup>Neuro-Ophthalmology, Roosevelt Hospital and NYEE, New York, NY; <sup>4</sup>Ophthalmology and Visual Sciences, University of Iowa, Iowa City, IA. **Poster Session**

126. Retinal and Optic Nerve Imaging Sunday, May 2, 2010 11:15 AM - 1:00 PM  
646/A554 - Is Papilledema the Reverse of Glaucoma? OCT Demonstration of Biomechanical Alterations of the Optic Nerve M.J. Kupersmith<sup>1</sup>, P. Sibony<sup>2</sup>, G. Mandel<sup>1</sup>, M. Durbin<sup>3</sup>, R.H. Kardon<sup>4</sup>. <sup>1</sup>Neuro-Ophthalmology, Roosevelt Hospital and NYEE, New York, NY; <sup>2</sup>Ophthalmology, SUNY, University Hospital Medical Center/Stony Brook, NY; <sup>3</sup>R & D, Carl Zeiss Meditec, Inc, Dublin, CA; <sup>4</sup>Ophthalmology and Visual Sciences, University of Iowa, Iowa City, IA. Poster Session



126. Retinal and Optic Nerve Imaging    
Sunday, May 2, 2010 11:15 AM - 1:00 PM

Sunday, May 2, 2010 11:15 AM - 1:00 PM  
659/A567 - Retinal Ganglion Cell and Inner Plexiform Layer Thickness Measured With fdOCT in Regions of Severe Sensitivity Loss in Patients With Ischemic Optic Neuropathy A.L. Moura<sup>1,2A</sup>, A.S. Raza<sup>2A</sup>, J. Cho<sup>2A</sup>, M.A. Lazow<sup>2A</sup>, C.G. De Moraes<sup>3</sup>, J.G. Odel<sup>2B</sup>, D.C. Hood<sup>2A,2B</sup>. <sup>1</sup>Department of Psychology, Universidade de Sao Paulo, Sao Paulo, Brazil; <sup>A</sup>Psychology Department, <sup>B</sup>Ophthalmology, <sup>2</sup>Columbia University, New York, NY; <sup>3</sup>Ophthalmology, New York Eye & Ear Infirmary, New York, NY. Poster Session

126. Retinal and Optic Nerve Imaging    
Sunday, May 2, 2010 11:15 AM - 1:00 PM

Sunday, May 2, 2010 11:15 AM - 1:00 PM  
748/D900 - Incidence of Intraocular Pressure Rise and the Need for Anti-Hypertensive Treatment After Descemet Stripping Automated Endothelial Keratoplasty V. Trubnik, N. Harizman, T. Jenkins, A. Jangi, J.A. Seedor, D.C. Ritterband. Ophthalmology, New York Eye and Ear Infirmary, New York, NY.

Sunday, May 2, 2010 11:15 AM - 1:00 PM  
872/D1104 - Curcumin Induces Cell Death in Human Uveal Melanoma Cells Through Mitochondrial Pathway D.-N. Hu<sup>1A</sup>, C. Lu<sup>2</sup>, M. Chen<sup>1B</sup>, E. Song<sup>2</sup>, R.B. Rosen<sup>1C</sup>, S.A. McCormick<sup>1B</sup>. <sup>A</sup>Pathology & Ophthalmology, <sup>B</sup>Pathology, <sup>C</sup>Ophthalmology, <sup>1</sup>New York Eye & Ear Infirmary, New York, NY; <sup>2</sup>Ophthalmology, First Hospital, Jilin University, Changchun, China. Poster Session


133. Melanocytic Lesions of Conjunctiva and Molecular Pathology Mechanisms in Malignant Melanoma.    
Sunday, May 2, 2010 11:15 AM - 1:00 PM


Sunday, May 2, 2010 1:15 - 2:45 PM  
SIG Organizer R. Ritch. New York Eye & Ear Infirmary, New York, NY. Special Interest Group (SIG)


140. Imaging of Neuronal Function in Optic Neuropathies  
Sunday, May 2, 2010 1:15 - 2:45 PM

Sunday, May 2, 2010 2:45 - 4:30 PM  
1036/A599 - Regional Age-Related Changes on Macular Function as Measured by

Scanning Laser Ophthalmoscopy Microperimetry L. Spielberg<sup>1</sup>, V.C. Lima<sup>2</sup>, T.S. Prata<sup>2</sup>, F.N. Sabates<sup>3</sup>, N.R. Sabates<sup>3</sup>, G. Gallimore<sup>3</sup>, W.H. Seiple<sup>4</sup>, R. Ritch<sup>1,5</sup>, R. Rosen<sup>1,5</sup>. 1Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 2Ophthalmology, Federal University of Sao Paulo, Sao Paulo, Brazil; 3Ophthalmology, UMKC School of Medicine, Kansas City, MO; 4Lighthouse International, New York, NY; 5Ophthalmology, New York Medical College, Valhalla, NY. Poster Session  
150. Novel Imaging Technologies and Functional Imaging.  
Sunday, May 2, 2010 2:45 - 4:30 PM

Sunday, May 2, 2010 2:45 - 4:30 PM  
1047/A610 - Spectral-Domain Optical Coherence Tomography in Resolved Uveitic Cystoid Macular Edema: Features Associated With Permanent Vision Loss P.Y. Chang<sup>1</sup>, V. Diaz<sup>2</sup>, D.M. Hinkle<sup>1</sup>, J. Mauro<sup>1</sup>, C.S. Foster<sup>1</sup>, C.M. Samson<sup>2</sup>. 1Massachusetts Eye Research and Surgery Institution, Cambridge, MA; 2Ophthalmology, New York Eye & Ear Infirmary, New York, NY. Poster Session  
150. Novel Imaging Technologies and Functional Imaging   
Sunday, May 2, 2010 2:45 - 4:30 PM

Organizing Section/Contributing Sections: Multidisciplinary Ophthalmic Imaging Group/Visual Psychophysics/Physiological Optics, Retina+ Sunday, May 2, 2010 2:45 - 4:30 PM  
1049/A612 - Microperimetry and Spectral Domain-Optical Coherence Tomography in Patients With Retinal Vein Occlusion M. Kurli<sup>1A</sup>, G. Landa<sup>1B</sup>, E. Su<sup>2</sup>, P.M. Garcia<sup>3A</sup>, R.B. Rosen<sup>3B</sup>. ARetina, BDepartment of Ophthalmology, 1New York Eye and Ear Infirmary, New York, NY; 2New York Medical College, New York, NY; ARetina Center, BOphthalmology, 3New York Eye & Ear Infirmary, New York, NY. Poster Session  
150. Novel Imaging Technologies and Functional Imaging   
Sunday, May 2, 2010 2:45 - 4:30 PM

Sunday, May 2, 2010 2:45 - 4:30 PM  
1051/A614 - Cilioretinal Arteries in Diabetic Eyes Are Associated With Increased Retinal Blood Flow Velocity and Occurrence of Diabetic Macular Edema A. Ponce<sup>1,2</sup>, G. Landa<sup>1,2</sup>, W. Amde<sup>1</sup>, R.B. Rosen<sup>1,2</sup>. 1Ophthalmology, New York Eye & Ear Infirmary, New York, NY; 2Ophthalmology, New York Medical College, Valhalla, NY. Poster Session  
150. Novel Imaging Technologies and Functional Imaging   
Sunday, May 2, 2010 2:45 - 4:30 PM

Sunday, May 2, 2010 2:45 - 4:30 PM  
1055/A618 - Retinal Functional Imaging of Peri-Foveal Blood Flow Velocities in Diabetic Retinopathy K. Mukkamala, L. Spielberg, G. Landa, S. Balasubramanian, R.B. Rosen. Department of Ophthalmology, The New York Eye and Ear Infirmary, New York, NY.

Sunday, May 2, 2010 2:45 - 4:30 PM

1129/D951 - Long Term Corneal Endothelial Cell Loss in Eyes With Clear Grafts After Penetrating Keratoplasty for Keratoconus A. Vong<sup>1</sup>, G.W. Zaidman<sup>2,1</sup>. <sup>1</sup>New York Medical College, Valhalla, NY; <sup>2</sup>Ophthalmology, Westchester Medical Center, Valhalla, NY. Poster Session

154. Keratoplasty II/ Keratoprosthesis/Corneal Surgery

Sunday, May 2, 2010 2:45 - 4:30 PM

Monday, May 3, 2010 8:30 - 10:15 AM

1318/A149 - Incidence of Pediatric Conjunctivitis in the Urgent Care Setting A. Gupta, K. Mukkamala, L. Spielberg, L. Hall. Ophthalmology, New York Eye and Ear Infirmary, New York, NY.

<http://www.abstractsonline.com/Plan/ViewSession.aspx?sKey=80a5681b-96e9-4bea-b070-17c82638794a&mKey=%7b1EA90E66-C548-49E0-9F05-30DA7938D511%7d>

Monday, May 3, 2010 8:30 - 10:15 AM

1459/A608 - Neurologic Findings Following the Cutaneous Erythema Migrans of Early Lyme Disease: A Five Year Prospective Report *D.H.K. Jokl*. Ophthalmology,, New York Medical College, Columbia University, New York, NY. Poster Session

Monday, May 3, 2010 8:30 - 10:15 AM

Monday, May 3, 2010 3:45 PM - 5:30 AM


2413/D961 - Infectious Keratitis: A Laboratory Survey of 30 Years (1980-2009) M.K. Shah<sup>1A</sup>, S. Poopalaratnam<sup>1B</sup>, W. Perez<sup>1A</sup>, P. Kunkler<sup>1A</sup>, J.A. Seedor<sup>1B</sup>, D. Ritterband<sup>1B</sup>. <sup>A</sup>Pathology and Laboratory Medicine, <sup>B</sup>Ophthalmology, <sup>1</sup>New York Eye & Ear Infirmary, New York, NY. Poster Session

291. Corneal Infections: Clinical I 

Monday, May 3, 2010 3:45 - 5:30 PM

Monday, May 3, 2010 4:15 - 4:30 PM

2049 - Effect of Treatment on Rates of Visual Field Change in the Ocular Hypertension Treatment Study C.G. De Moraes<sup>1,2</sup>, S. Demirel<sup>3</sup>, S.K. Gardiner<sup>3</sup>, J.M. Liebmann<sup>1</sup>, G.A. Cioffi<sup>3</sup>, R. Ritch<sup>2</sup>, M.O. Gordon<sup>4</sup>, M.A. Kass<sup>4</sup>, Ocular Hypertension Treatment Study. <sup>1</sup>Ophthalmology, New York University School of Medicine, New York, NY; <sup>2</sup>Ophthalmology, New York Eye & Ear Infirmary, New York, NY; <sup>3</sup>Devers Eye Institute, Legacy Health, Portland, OR; <sup>4</sup>Ophthal & Vis Sciences, Washington Univ Sch of Med, St Louis, MO. Paper Session



277. New Insights into Glaucoma Disease Progression  

Monday, May 3, 2010 3:45 - 5:30 PM

Monday, May 3, 2010 3:45 - 5:30 PM

2178/A277 - Lysyl Oxidase-Like 1 Polymorphisms in Children of Patients With Exfoliation Syndrome (XFS) E. Kim<sup>1</sup>, R. Sharafieh<sup>2</sup>, M. Sarfarazi<sup>2</sup>, C.G. De Moraes<sup>1,3</sup>, Z. Sbeity<sup>1,4</sup>, J. Liebmann<sup>1,3</sup>, R. Ritch<sup>1,4</sup>. <sup>1</sup>Ophthalmology, New York Eye and Ear


Infirmary, New York, NY; 2Ophthalmology, University of Connecticut Health Center, Farmington, CT; 3New York University, New York, NY; 4New York Medical College, Valhalla, NY. Poster Session

282. Glaucoma Genetics and Proteomics.  

Monday, May 3, 2010 3:45 - 5:30 PM

Monday, May 3, 2010 3:45 - 5:30 PM

2299/A508 - Retinal Functional Imaging for Evaluating Blood Flow After Encircling Scleral Buckles J.P. Shulman, G. Landa, L. Spielberg, T. Muldoon, R. Rosen. New York Eye and Ear Infirmery, New York, NY. Poster Session

285. Posterior Imaging III 

Monday, May 3, 2010 3:45 PM - 5:30 AM

2413/D961 - Infectious Keratitis: A Laboratory Survey of 30 Years (1980-2009)

M.K. Shah<sup>1A</sup>, S. Poopalaratnam<sup>1B</sup>, W. Perez<sup>1A</sup>, P. Kunkler<sup>1A</sup>, J.A. Seedor<sup>1B</sup>, D.

Ritterband<sup>1B</sup>. APathology and Laboratory Medicine, B Ophthalmology, 1New York Eye & Ear Infirmery, New York, NY. Poster Session

291. Corneal Infections: Clinical I 

Monday, May 3, 2010 3:45 - 5:30 PM

Monday, May 3, 2010 4:30 - 4:45 PM

2050 - The Effect of Filtering Surgery on Rates of Visual Field Change in Treated Glaucoma Patients F.A. Folgar<sup>1</sup>, C.G.V. De Moraes<sup>1,2</sup>, V.V. Juthani<sup>1</sup>, C.C. Teng<sup>1,2</sup>, C. Tello<sup>2</sup>, R. Ritch<sup>2</sup>, J.M. Liebmann<sup>1,2</sup>. 1Ophthalmology, NYU Medical Center, New York, NY; 2Ophthalmology, New York Eye & Ear Infirmery, New York, NY. Paper Session

277. New Insights into Glaucoma Disease Progression  

Monday, May 3, 2010 3:45 - 5:30 PM

## **ANNUAL NYE&EI/NYMC BEACH BASH**

**LAGO MAR 19:30**

**HOST: Richard B. Rosen, MD**

Tuesday, May 4, 2010 8:30 - 10:15 AM

Moderator R. Ritch. Ophthalmology, New York Eye & Ear Infirmery, New York, NY. Paper Session


309. Neural Rescue in Glaucoma  


Tuesday, May 4, 2010 8:30 - 10:15 AM


Tuesday, May 4, 2010 8:30 - 10:15 AM


2681/D670 - Exfoliation Syndrome, Intraocular Pressure and Disc Hemorrhage S.M. Fernando<sup>1,2</sup>, C.G.V. De Moraes<sup>1,2</sup>, C.C. Teng<sup>1,2</sup>, C. Tello<sup>1,3</sup>, R. Ritch<sup>1,3</sup>, J.M.

Liebmann<sup>1,2</sup>. 1Ophthalmology, Einhorn Clinical Research Center, New York Eye and

Ear Infirmary, New York, NY; 2Ophthalmology, New York University School of Medicine, New York, NY; 3New York Medical College, Valhalla, NY. Poster Session  
317. Glaucoma Risk Factors, Biomarkers and Blood Flow   
Tuesday, May 4, 2010 8:30 - 10:15 AM

Tuesday, May 4, 2010 8:30 - 10:15 AM  
2692/D681 - Peripapillary Blood Flow Velocity in Glaucoma Evaluated by the Retinal Functional Imager (RFI) A.A. Jangi<sup>1</sup>A, L. Spielberg<sup>1</sup>A, G. Landa<sup>1</sup>B, P.A. Sidoti<sup>2</sup>A, K.W. Tai<sup>2</sup>B, C. Vasquez<sup>1</sup>A, R.B. Rosen<sup>2</sup>B. A<sup>1</sup>Ophthalmology, B<sup>2</sup>Department of Ophthalmology, 1<sup>1</sup>New York Eye and Ear Infirmary, New York, NY; A<sup>2</sup>Department of Ophthalmology, B<sup>2</sup>Ophthalmology, 2<sup>2</sup>New York Eye & Ear Infirmary, New York, NY. Poster Session  
317. Glaucoma Risk Factors, Biomarkers and Blood Flow   
Tuesday, May 4, 2010 8:30 - 10:15 AM

Tuesday, May 4, 2010 8:30 - 10:15 AM  
2696/D685 - Comparison of Ocular Perfusion Pressure in Normal Subjects and Glaucoma Patients Using Travoprost/timolol and Bimatoprost/Timolol Fixed Combination Before, During and After Aerobic Exercise B.P. Figueiredo<sup>1</sup>, N.V. Lima<sup>2</sup>, F.N. Kanadani<sup>3</sup>, H.H. Russ<sup>4</sup>, T.C.M. Kanadani<sup>5</sup>A, E.R. Diniz<sup>5</sup>B, A. Tupynambá<sup>6</sup>, S.K. Dorairaj<sup>7</sup>. 1<sup>1</sup>Glaucoma, Cataract, Santa Casa - Belo Horizonte / UFMG, Belo Horizonte, Brazil; 2<sup>2</sup>Glaucoma, Cataract, Hospital São Geraldo, UFMG – Minas Gerais, Belo Horizonte, Brazil; 3<sup>3</sup>Ophthalmology/Glaucoma, Santa Casa de Belo Horizonte/UNIFESP, Belo Horizonte, Brazil; 4<sup>4</sup>Glaucoma, Cataract, Instituto Graeffe – Curitiba – Paraná, Belo Horizonte, Brazil; A<sup>5</sup>Retina, Cataract, B<sup>5</sup>Cornea, Cataract, 5<sup>5</sup>Santa Casa - Belo Horizonte, Belo Horizonte, Brazil; 6<sup>6</sup>Glaucoma, Cataract, Hospital de Base do Distrito Federal, Brasília, Brazil; 7<sup>7</sup>Glaucoma, New York Eye and Ear Infirmary - New York, New York, NY. Poster Session  
317. Glaucoma Risk Factors, Biomarkers and Blood Flow   
Tuesday, May 4, 2010 8:30 - 10:15 AM

Tuesday, May 4, 2010 8:30 - 10:15 AM  
2703/D692 - Nature and Risk Factors of Initial Glaucomatous Visual Field Defect Threatening Fixation S. Park<sup>1,2</sup>, C.G.V. De Moraes<sup>1,3</sup>, C.C. Teng<sup>1,2</sup>, C. Tello<sup>1,2</sup>, J.M. Liebmann<sup>1,3</sup>, R. Ritch<sup>1,2</sup>. 1<sup>1</sup>Einhorn Clinical Research Center, New York Eye and Ear Infirmary, New York, NY; 2<sup>2</sup>Department of Ophthalmology, New York Medical College, Valhalla, NY; 3<sup>3</sup>Department of Ophthalmology, New York University School of Medicine, New York, NY. Poster Session  
317. Glaucoma Risk Factors, Biomarkers and Blood Flow   
Tuesday, May 4, 2010 8:30 - 10:15 AM

Tuesday, May 4, 2010 1:45 - 3:30 PM  
3279/A595 - Short-Duration Visual Evoked Potential as an Objective Tool for Screening Refractive Errors A. Anand<sup>1</sup>, C.G. De Moraes<sup>1,2</sup>, J.M. Liebmann<sup>1,2</sup>, R. Ritch<sup>1,3</sup>, C. Tello<sup>1,3</sup>. 1<sup>1</sup>Einhorn Clinical Research Center, The New York Eye & Ear Infirmary, New York, NY; 2<sup>2</sup>New York University School of Medicine, New York, NY;




3Department of Ophthalmology, New York Medical College, Valhalla, NY. Poster Session

357. Electrophysiology of Visual Disorders in Patients  

Tuesday, May 4, 2010 1:45 - 3:30 PM

Tuesday, May 4, 2010 2:00 - 2:15 PM

2917 - An Open-Label Proof-Of Concept Study to Assess the Efficacy of AIN457 in Patients With Noninfectious Uveitis C.M. Samson<sup>1</sup>, C.S. Foster<sup>2</sup>, R. Kim<sup>3</sup>, N. Falk<sup>4</sup>, D.S. Chu<sup>5</sup>, D. Callanan<sup>6</sup>, Q. Nguyen<sup>7</sup>, T.P. Dryja<sup>8</sup>. <sup>1</sup>New York Eye & Ear Infirmary, New York, NY; <sup>2</sup>Massachusetts Eye Research and Surgery Institution, Cambridge, MA; <sup>3</sup>Vitreoretinal Consultants, Houston, TX; <sup>4</sup>Retina Consultants, Slingerlands, NY; <sup>5</sup>Cornea and Laser Eye Institute, Teaneck, NJ; <sup>6</sup>Texas Retina Associates, Arlington, TX; <sup>7</sup>Wilmer Eye Institute, Baltimore, MD; <sup>8</sup>Novartis Institutes for Biomedical Research, Cambridge, MA. Paper Session


337. Clinical Studies in Ocular Inflammatory Disease   

Tuesday, May 4, 2010 1:45 - 3:30 PM

Tuesday, May 4, 2010 3:15 - 3:30 PM

2979 - The Region of Largest Beta-Zone Parapapillary Atrophy Area Predicts the Location of Most Rapid Visual Field Progression C.C. Teng<sup>1,2</sup>, C.G.V. De Moraes<sup>1,3</sup>, T.S. Prata<sup>1</sup>, C.A. Liebmann<sup>1</sup>, C. Tello<sup>1,2</sup>, R. Ritch<sup>1,2</sup>, J.M. Liebmann<sup>3</sup>.

<sup>1</sup>Ophthalmology, New York Eye & Ear Infirmary, New York, NY; <sup>2</sup>Ophthalmology, New York Medical College, Valhalla, NY; <sup>3</sup>Ophthalmology, NYU Medical Center, New York, NY. Paper Session

345. Clinical Science in Glaucoma Imaging 

Tuesday, May 4, 2010 1:45 - 3:30 PM

Tuesday, May 4, 2010 3:45 - 5:30 PM

3618/A227 - Face Processing by Patients With Age-Related Macular Degeneration W.H. Seiple<sup>1</sup>, M.E. Schneck<sup>2</sup>, J.V. Odom<sup>3</sup>, P.M. Garcia<sup>4A</sup>, R.B. Rosen<sup>4B</sup>. <sup>1</sup>Research, Lighthouse International, New York, NY; <sup>2</sup>Univ of CA, Berkeley & Smith-Kettlewell, Berkeley, CA; <sup>3</sup>Ophthalmology, West Virginia Univ Eye Inst, Morgantown, WV; <sup>4</sup>Retina Center, <sup>B</sup>Ophthalmology, <sup>4</sup>New York Eye & Ear Infirmary, New York, NY.

Poster Session

378. (Low) Vision, Task Performance, Plasticity and Rehabilitation  

Tuesday, May 4, 2010 3:45 - 5:30 PM

Tuesday, May 4, 2010 4:45 - 5:00 PM

3496 - IOP Parameters and Visual Field Progression in Patients With Treated Glaucoma V.V. Juthani<sup>1</sup>, C.G. de Moraes<sup>2</sup>, C.A. Liebmann<sup>3</sup>, C.C. Teng<sup>4</sup>, C. Tello<sup>4</sup>, R. Ritch<sup>4</sup>, J.M. Liebmann<sup>5</sup>. <sup>1</sup>Ophthalmology, New York University, New York, NY; <sup>2</sup>Ophthalmology, New York Eye & Ear Infirmary and NYU Medical Center, New York, NY; <sup>3</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY; <sup>4</sup>Ophthalmology, New York Eye and Ear Infirmary and New York Medical College, New York, NY; <sup>5</sup>Ophthalmology, New York Eye and Ear Infirmary and NYU Medical

Center, New York, NY. Paper Session  
371. Clinical Science of Intraocular Pressure<sup>3 4</sup>  
Tuesday, May 4, 2010 3:45 - 5:30 PM

Wednesday, May 5, 2010 8:30 - 10:15 AM  
Moderator R.B. Rosen. Ophthalmology, New York Eye & Ear Infirmary, New York, NY. Paper Session  
410. Imaging III  
Wednesday, May 5, 2010 8:30 - 10:15 AM

Wednesday, May 5, 2010 8:30 - 10:15 AM  
4020/A299 - Rates of Visual Field (VF) Progression in Pigmentary Glaucoma (PG) and Juvenile Primary Open Angle Glaucoma (JPOAG) A. Vaccaro<sup>1,2</sup>, E. Kim<sup>1</sup>, C.G.V. de Moraes<sup>1,2</sup>, C.C. Teng<sup>1,3</sup>, C. Tello<sup>1,3</sup>, R. Ritch<sup>1,3</sup>, J.M. Liebmann<sup>1,2</sup>.  
1Ophthalmology, Einhorn Clinical Research Center, NY Eye and Ear Infirmary, New York, NY; 2NYU School of Medicine, New York, NY; 3Department of Ophthalmology, New York Medical College, Valhalla, NY. Poster Session  
417. Glaucoma Progression Studies<sup>3 4 5</sup>  
Wednesday, May 5, 2010 8:30 - 10:15 AM

Wednesday, May 5, 2010 8:30 - 10:15 AM  
4022/A301 - Intraocular Pressure, Baseline Visual Field (VF) Mean Deviation (MD), and Glaucoma Progression I. Forchheimer<sup>1</sup>, C.G. De Moraes<sup>1,2</sup>, F.A. Folgar<sup>1</sup>, C.C. Teng<sup>2,3</sup>, C. Tello<sup>2,3</sup>, R. Ritch<sup>2,3</sup>, J.M. Liebmann<sup>1,2</sup>. 1Ophthalmology, New York University Medical Center, New York, NY; 2Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 3Ophthalmology, New York Medical College, Valhalla, NY. Poster Session  
417. Glaucoma Progression Studies<sup>3 4 5</sup>  
Wednesday, May 5, 2010 8:30 - 10:15 AM

Wednesday, May 5, 2010 8:30 - 10:15 AM  
4025/A304 - Corneal Hysteresis is Associated With Visual Field Progression V.S. Hill<sup>1</sup>, C.G. De Moraes<sup>2,3</sup>, C.C. Teng<sup>1,2</sup>, C. Tello<sup>1,2</sup>, R. Ritch<sup>1,2</sup>, J.M. Liebmann<sup>2,3</sup>.  
1Ophthalmology, New York Medical College, Valhalla, NY; 2Ophthalmology, New York Eye & Ear Infirmary, New York, NY; 3Ophthalmology, New York University Medical Center, New York, NY. Poster Session  
417. Glaucoma Progression Studies<sup>3 4 5</sup>  
Wednesday, May 5, 2010 8:30 - 10:15 AM


Wednesday, May 5, 2010 8:45 - 9:00 AM  
3852 - In-vivo Imaging of the Trabecular Pathway and Schlemm's Canal With Anterior Segment Fourier-Domain (AS FD OCT) Optical Coherence Tomography A.R. Castillejos<sup>1</sup>, S.K. Dorairaj<sup>2</sup>, C.G.V. De Moraes<sup>2,3</sup>, J.M. Liebmann<sup>2,3</sup>, R. Ritch<sup>1,2</sup>.  
1Ophthalmology, New York Medical College, Valhalla, New York, NY;  
2Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 3Ophthalmology, New York University Medical Center, New York, NY. Paper Session

409. Novel Imaging Techniques in Glaucoma 

Wednesday, May 5, 2010 8:30 - 10:15 AM

Wednesday, May 5, 2010 1:45 - 3:30 PM

4385/A218 - Bilateral Papillomacular Folds in Nanophthalmos: Advanced Retinal Imaging A. Hong, L. Spielberg, S. Rao, J. Panarelli, K. Mukkamala, G. Landa, R. Rosen, A. Ponce. Ophthalmology, New York Eye and Ear Infirmary, New York, NY. Poster Session

449. Clinical Retinal Imaging  

Wednesday, May 5, 2010 1:45 - 3:30 PM

Wednesday, May 5, 2010 1:45 - 3:30 PM




4417/A250 - Regional Age-Related Changes on Retinal Nerve Fiber Layer Thickness as Measured by Spectral Domain Optical Coherence Tomography S. Dorairaj<sup>1</sup>, T.S. Prata<sup>2</sup>, V.C. Lima<sup>2A</sup>, F.N. Sebatas<sup>3</sup>, N.R. Sebatas<sup>3</sup>, G.S. Gallimore<sup>3</sup>, C.G.V. de Moraes<sup>1</sup>, W. Seiple<sup>1,4</sup>, R. Rosen<sup>1A,5</sup>, R. Ritch<sup>1A,5</sup>. A<sup>1</sup>Glaucoma, <sup>1</sup>New York Eye and Ear Infirmary, New York, NY; A<sup>2</sup>Department of Ophthalmology, <sup>2</sup>Federal University of São Paulo, São Paulo, Brazil; <sup>3</sup>University of Missouri-Kansas City, Kansas City, MT; <sup>4</sup>Lighthouse International, New York, NY; <sup>5</sup>New York Medical College, Valhalla, NY. Poster Session

449. Clinical Retinal Imaging  

Wednesday, May 5, 2010 1:45 - 3:30 PM

Wednesday, May 5, 2010 1:45 - 3:30 PM

4427/A360 - Effectiveness of Repeat Selective Laser Trabeculoplasty on Primary Open Angle Glaucoma (POAG) Patients J.H. Peragallo<sup>1</sup>, M. Malen<sup>2</sup>, P.C. Lai<sup>3</sup>. <sup>1</sup>Ophthalmology, New York Medical College, Valhalla, NY; <sup>2</sup>Ophthalmology, Indiana University, Indianapolis, IN; <sup>3</sup>Ophthalmology, Metropolitan Hospital Center, New York, NY. Poster Session

450. Glaucoma Lasers and Aqueous Drainage Devices   

Wednesday, May 5, 2010 1:45 - 3:30 PM

Wednesday, May 5, 2010 1:45 - 3:30 PM

4428/A361 - Selective Laser Trabeculoplasty as Primary and Secondary Therapy in Patients With Glaucoma: 8 Year Experience L.F. Jindra<sup>1,2</sup>, J.A. Donnelly<sup>3</sup>, A. Gupta<sup>4</sup>, E.M. Miglino<sup>5</sup>. <sup>1</sup>Ophthalmology, Columbia University, New York, NY; <sup>2</sup>Ophthalmology, Winthrop University Hospital, Mineola, NY; <sup>3</sup>Albert Einstein College of Medicine, Yeshiva University, Bronx, NY; <sup>4</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY; <sup>5</sup>Floral Park Ophthalmology, Floral Park, NY. Poster Session

450. Glaucoma Lasers and Aqueous Drainage Devices   

Wednesday, May 5, 2010 1:45 - 3:30 PM


Wednesday, May 5, 2010 1:45 - 3:30 PM

4624/D746 - Corneal Hysteresis: Variability in Race J.H. Pae<sup>1A</sup>, J.R. Ehrlich<sup>1</sup>, M. Shimmyo<sup>2</sup>, N.M. Radcliffe<sup>1A</sup>. A<sup>1</sup>Ophthalmology, <sup>1</sup>Weill Cornell Medical College, New

York, NY; 2Ophthalmology, New York Medical College, New York, NY. Poster Session  
458. Corneal Biomechanics  
Wednesday, May 5, 2010 1:45 - 3:30 PM


Wednesday, May 5, 2010 3:45 - 5:30 PM

4897/A320 - A Comparison of Local Retinal Ganglion Cell (RGC) Layer Thickness to Local Losses in Visual Field Sensitivity in Patients With Glaucoma J. Cho<sup>1</sup>, A.S. Raza<sup>1</sup>, G.V. De Moraes<sup>2</sup>, M. Wang<sup>3</sup>, X. Zhang<sup>1</sup>, R.H. Kardon<sup>4</sup>, J.M. Liebmann<sup>5</sup>, R. Ritch<sup>2</sup>, D.C. Hood<sup>1</sup>. 1Columbia University, New York, NY; 2New York Eye & Ear Infirmary, New York, NY; 3Eye and ENT Hospital of Fudan University, Shanghai, China; 4University of Iowa, Iowa City, IA; 5New York Eye and Ear Infirmary, New York, NY. Poster Session

476. Structure Function Associations in Glaucoma   
Wednesday, May 5, 2010 3:45 - 5:30 PM


Wednesday, May 5, 2010 3:45 - 5:30 PM

4939/A556 - Inner Segment-Outer Segment Junctional Layer Integrity and Corresponding Retinal Sensitivity in Dry and Wet Forms of Age-Related Macular Degeneration R.B. Rosen<sup>1A</sup>, G. Landa<sup>2</sup>, E. Su<sup>3</sup>, P.M. Garcia<sup>1B</sup>, W.H. Seiple<sup>4</sup>. A Ophthalmology, B Retina Center, 1New York Eye & Ear Infirmary, New York, NY; 2Department of Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 3Ophthalmology, New York Medical College, New York, NY; 4Ophthalmology, Lighthouse International, New York, NY. Poster Session

477. AMD - Assessment, Pathology and Therapy   
Wednesday, May 5, 2010 3:45 - 5:30 PM

Wednesday, May 5, 2010 3:45 - 5:30 PM

4988/D784 - RIGITEST - A New Method to Estimate Corneal Hysteresis? A Comparison Between Normal Subjects vs. Keratoconus Patients V.R. Couto<sup>1</sup>, L. Gontijo<sup>1A</sup>, F.N. Kanadani<sup>2</sup>, A.D.C. Gontijo<sup>3</sup>, S.K. Dorairaj<sup>4</sup>. A Ophthalmology, 1Santa Casa de Belo Horizonte - MG, Belo Horizonte, Brazil; 2Ophthalmology/Glaucoma, New York Eye and Ear Infirmary, Belo Horizonte, Brazil; 3Medicine, Faculdade da Saude e Ecologia Humana, Belo Horizonte, Brazil; 4Glaucoma, Einhorn Rsch Center, NYEE, New York, NY. Poster Session

478. Keratoconus and Collagen Crosslinking   
Wednesday, May 5, 2010 3:45 - 5:30 PM

Wednesday, May 5, 2010 5:00 - 5:15 PM




4768 - Retinal Pigment Epithelial Detachments and Tears in Light Chain Deposition Disease A. Leys<sup>1</sup>, L. Spielberg<sup>2</sup>, J.R. Heckenlively<sup>3</sup>. 1Ophthalmology, University Hospitals Leuven, Leuven, Belgium; 2Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 3Ophthal & Vis Sciences, Univ of Michigan-Kellogg Eye Ctr, Ann Arbor, MI. Paper Session

465. Posterior Segment Tumors

Wednesday, May 5, 2010 3:45 - 5:30 PM

Wednesday, May 5, 2010 3:45 - 5:30 PM


5140/D1136 - Seed Position (Anisotropy) Can Affect Macular Dose During Ophthalmic Plaque Radiation Therapy R.H. Mcglynn, Jr.<sup>1,2</sup>, P.T. Finger<sup>1,2</sup>.  
1Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 2The New York Eye Cancer Center, New York, NY. Poster Session

483. Uveal Malignant Melanoma - Diagnosis and Treatment   

Wednesday, May 5, 2010 3:45 - 5:30 PM

Thursday, May 6, 2010 8:30 - 10:15 AM

5278/A131 - Role of Early Patching on Visual Outcomes in Pediatric Ruptured Globes B.B. Bert, K. Mukkamala, S. Yang, L. Hall. Ophthalmology, New York Eye and Ear Infirmary, New York, NY. Poster Session

513. Pediatric Ophthalmology 

Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM




6405/A265A - Prospective Trial of Botulinum Toxin (Botox<sup>®</sup>) to Control Post-Operative Pain in Eye Enucleation and Evisceration Surgeries J. Schonfeld<sup>1</sup>, K. Keyhani<sup>2</sup>, M. Ashenhurst<sup>3</sup>, J. McWhae<sup>3</sup>, M. Deschênes<sup>4</sup>. 1New England Retina Associates, Hamden, CT; 2New York Eye and Ear Infirmary, New York, NY; 3Ophthalmology, University of Calgary, Calgary, AB, Canada; 4Ophthalmology, Rockyview General Hospital, Calgary, AB, Canada. Poster Session

514. Drug Delivery II 

Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM

5352/A280 - Comparative Analysis Between Preferential Hyperacuity Perimetry and Microperimetry Test in Detection of the Change of Retinal Sensitivity in Patients With a Variety of Retinal Diseases W. Huang<sup>1</sup>, G. Landa<sup>2A</sup>, P.M. Garcia<sup>3A</sup>, V.C. Lima<sup>2B</sup>, R.B. Rosen<sup>3B</sup>. 1Ophthalmology, New York Eye and Ear, New York, NY; ADepartment of Ophthalmology, B Ophthalmology, 2New York Eye and Ear Infirmary, New York, NY; A Retina Center, B Ophthalmology, 3New York Eye & Ear Infirmary, New York, NY. Poster Session

515. Tumors and Clinical/Experimental Study   

Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM

5520/A575 - Rates of Change of Mean Deviation in the Ocular Hypertension Treatment Study S. Demirel<sup>1</sup>, C.G. de Moraes<sup>2,3</sup>, S.K. Gardiner<sup>1</sup>, J.M. Liebmann<sup>2,3</sup>, G.A. Cioffi<sup>1</sup>, R. Ritch<sup>2</sup>, M.O. Gordon<sup>4</sup>, M.A. Kass<sup>4</sup>, Ocular Hypertension Treatment Study. 1Devers Eye Institute, Legacy Health, Portland, OR; 2Ophthalmology, New York Eye & Ear Infirmary, New York, NY; 3Ophthalmology, NYU School of Medicine, New York, NY; 4Ophthal & Vis Sciences, Washington Univ Sch of Med, St Louis, MO. Poster Session

522. Electrophysiology and Visual Fields in Glaucoma<sup>2 3 4</sup>  
Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM  
5357/A302 - Uveitis in Relation to Perceived Stress: A Prospective Study J. Paa<sup>1</sup>, A. Ou<sup>1</sup>, S.R. Kedhar<sup>1,2</sup>, J. Chau<sup>1</sup>, B. Niknam<sup>1</sup>, J. Lewis<sup>1</sup>, M. Rivas<sup>1</sup>, C.A. Samson<sup>1,2</sup>.  
1Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 2New York Medical College, Valhalla, NY. Poster Session

516. Correlates and Outcomes of Eye Diseases<sup>2 3 4</sup>  
Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM  
5514/A569 - Small Arcuate "Comma" Defects Within 10 Degrees of the Fovea in Patients With Glaucoma A.S. Raza<sup>1</sup>, C.G. de Moraes<sup>2</sup>, D. Xin<sup>1</sup>, J.G. Odel<sup>1</sup>, J.M. Liebmann<sup>2</sup>, R. Ritch<sup>2</sup>, D.C. Hood<sup>1</sup>. 1Columbia University, New York, NY; 2New York Eye & Ear Infirmary, New York, NY. Poster Session

522. Electrophysiology and Visual Fields in Glaucoma<sup>2 3 4</sup>  
Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM  
5533/A588 - A Semi-Automatic Linear Regression-Based Method to Measure the Ciliary Body-Sclera Angle in Ultrasound Biomicroscopy Images I.H. Chan<sup>1</sup>, S.K. Dorairaj<sup>2</sup>, T.S. Prata<sup>3A</sup>, J. Panarelli<sup>1</sup>, P.A. Sidoti<sup>3B</sup>, R. Ritch<sup>3A</sup>. 1Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 2Glaucoma, Einhorn Rsch Center, NYEE, New York, NY; 3A Ophthalmology, BDepartment of Ophthalmology, 3New York Eye & Ear Infirmary, New York, NY. Poster Session

523. Anterior Segment Imaging and Biomechanics in Glaucoma<sup>3 4</sup>  
Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM  
5668/D821 - Correlation Between Ultrasound Biomicroscopy (UBM) and Intraoperative Findings in Patients With Congenital Corneal Opacities (CCO) S.Y. Hu<sup>1</sup>, G.W. Zaidman<sup>2</sup>. 1Ophthalmology, New York Medical College Ophthalmology, Valhalla, NY; 2Ophthalmology, Westchester Medical Center, Valhalla, NY. Poster Session

527. Corneal Topography Transparency and Imaging<sup>3</sup>  
Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM  
5711/D917 - A Comparison of the in-vitro Susceptibility Profile of Ceftobiprole Against Methicillin Resistant Staphylococcus aureus (MRSA) Ocular Isolates R.P. Conley<sup>1A</sup>, M.K. Shah<sup>1B</sup>, G. Thompson<sup>1A</sup>, W. Perez<sup>1B</sup>, J.A. Sedor<sup>1A</sup>, D.C. Ritterband<sup>1A</sup>. A Ophthalmology, B Pathology and Laboratory Medicine, 1New York Eye and Ear Infirmary, New York, NY. Poster Session

529. Antibiotics/Infections

Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 8:30 - 10:15 AM

5771/D993 - Ultrasound Biomicroscopy Measurements of Anterior Uveal Thickness in Healthy Subjects: Initial Study J.P. Garcia, Jr.<sup>1,2</sup>, L. Spielberg<sup>1</sup>, P.T. Finger<sup>1,3</sup>.  
1Retina Center, New York Eye & Ear Infirmary, New York, NY; 2New York Medical College, Valhalla, NY; 3The New York Eye Cancer Center, New York, NY. Poster Session

532. Imaging I 

Thursday, May 6, 2010 8:30 - 10:15 AM

Thursday, May 6, 2010 11:15 AM - 1:00 PM

5870/A23 - Intravitreal Methotrexate Use in Cystoid Macula Edema and Other Retinal Diseases: Lessons Learned From Intrathecal Administration J.H. Francis<sup>1</sup>, P. Latkany<sup>1A</sup>. A Ophthalmology, 1New York Eye and Ear Infirmary, New York, NY. Poster Session

543. Posterior Uveitis I

Thursday, May 6, 2010 11:15 AM - 1:00 PM

Thursday, May 6, 2010 11:15 AM - 1:00 PM

5873/A26 - The Holy Grail Treatment for Pars Planitis. What Are the Options? Cryopexy, Steroids, Immunosuppressives, Immunomodulators, Lasers, Anti-Angiogenics, or Observation? R.G. Josephberg<sup>1</sup>, D.M. Esposito<sup>2</sup>. 1Ophthalmology, New York Medical College, Yonkers, NY; 2Ophthalmology, NYMC, Westchester Medical Center, Rye, NY. Poster Session

543. Posterior Uveitis I

Thursday, May 6, 2010 11:15 AM - 1:00 PM

Thursday, May 6, 2010 11:15 AM - 1:00 PM




5990/A211 - MicroRNA-1 Inhibits Uveal Melanoma Cell Proliferation and Migration X. Chen<sup>1</sup>, J. Wang<sup>1</sup>, J. Lu<sup>1</sup>, H. Shen<sup>1</sup>, D. Hu<sup>2</sup>, D. Yan<sup>1</sup>. 1Sch of Ophthal & Optometry, Wenzhou Medical College, Wenzhou, China; 2New York Medical College, The New York Eye and Ear Infirmary, New York, NY. Poster Session

548. Ocular Biochemistry   

Thursday, May 6, 2010 11:15 AM - 1:00 PM

Thursday, May 6, 2010 11:15 AM - 1:00 PM


6321/D1018 - Evaluation of Argon Laser Peripheral Iridoplasties Performed by Residents: Does It Really Work? K. Eliasieh<sup>1</sup>, S.K. Dorairaj<sup>1</sup>, Y. Kashyap<sup>1</sup>, J.T. Nezgoda<sup>1</sup>, C.C. Teng<sup>1,2</sup>. 1Ophthalmology, New York Eye and Ear Infirmary, New York, NY; 2Ophthalmology, New York Medical College, Valhalla, NY. Poster Session

559. Ocular Structures in Human & Animal Models   

Thursday, May 6, 2010 11:15 AM - 1:00 PM

Thursday, May 6, 2010 11:15 AM - 1:00 PM

6322/D1019 - Evaluation of Laser Iridotomy Performed by Ophthalmology

Residents in a Teaching Institution Y. Kashyap<sup>1</sup>, S.K. Dorairaj<sup>1</sup>, K. Eliasieh<sup>1</sup>, J. Nezgoda<sup>1</sup>, C. Teng<sup>1,2</sup>. <sup>1</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY; <sup>2</sup>Ophthalmology, New York Medical College, Valhalla, NY. Poster Session 559. Ocular Structures in Human & Animal Models 

Thursday, May 6, 2010 11:15 AM - 1:00 PM

6432/D1050 - Latrunculin B (ins115644) Reduces Intraocular Pressure (iop) in Ocular Hypertension (oht) and Primary Open Angle Glaucoma (poag) R. Ritch<sup>1</sup>, M. Schiewe<sup>2</sup>, R.C. Zink<sup>2</sup>, M. Lemp<sup>3</sup>, P.L. Kaufman<sup>4</sup>, R. Haque<sup>2</sup>, R.K. Brazzell<sup>2A</sup>, J.L. Vittitow<sup>2</sup>.

<sup>1</sup>Ophthalmology, New York Eye & Ear Infirmary, New York, NY; <sup>A</sup>Ophthalmology, <sup>2</sup>Inspire Pharmaceuticals, Durham, NC; <sup>3</sup>Ophthalmology, Georgetown University, Washington, DC; <sup>4</sup>Ophthalmology, University of Wisconsin, Madison, WI. Poster Session

570. Late Breaking Posters

Thursday, May 6, 2010 11:15 AM - 1:00 PM

Thursday, May 6, 2010 11:15 AM - 1:00 PM

6439/D1057 - Fish Scale-Derived Biocornea C. Lin<sup>1,2</sup>, R. Ritch<sup>3,4</sup>, S. Lin<sup>5</sup>, M.-H. Ni<sup>2</sup>, Y.-C. Chang<sup>2</sup>, H. Lai<sup>2</sup>, F.-H. Lin<sup>1</sup>. <sup>1</sup>Institute of Biomedical Engineering, National Taiwan University, Taipei, Taiwan; <sup>2</sup>Department of Research, Aeon Astron Europe B.V., Leiden, The Netherlands; <sup>3</sup>Ophthalmology, New York Eye & Ear Infirmary, New York, NY; <sup>4</sup>Department of Ophthalmology, The New York Medical College, Valhalla, NY; <sup>5</sup>Department of Materials and Textiles, Oriental Institute of Technology, Taipei, Taiwan. Poster Session

570. Late Breaking Posters

Thursday, May 6, 2010 11:15 AM - 1:00 PM

Thursday, May 6, 2010 11:15 AM - 1:00 PM