

Program

Friday, June 5, 2009

- 1:00 PM** *Welcome*
Stuart I. Brown, M.D.
Professor and Chairman, Department of Ophthalmology;
Dr. Richard K. and Tatiana A. Lansche Distinguished Chair in Ophthalmology;
Director, Shiley Eye Center
- 1:03** *Opening Remarks*
Leah Levi, M.D.
Clinical Professor of Ophthalmology and Neuroscience;
Director, Ophthalmology Residency Program

- OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY SECTION -

- 1:05** *Division Overview: Clinical*
Don O. Kikkawa, M.D. (Moderator)
Professor of Clinical Ophthalmology;
Chief of Ophthalmic Plastic & Reconstructive Surgery
- 1:10** *Division Overview: Research*
Bobby S. Korn M.D., Ph.D.
Assistant Professor of Clinical Ophthalmology
- 1:15** *Unilateral and Asymmetric Thyroid Related Orbitopathy: Clinical Characteristics and Treatment Results at the Shiley Eye Center* 21
Christine C. Annunziata, M.D.
Senior Clinical Fellow
- 1:23** **Discussion**
- 1:27** *Transcutaneous Lower Eyelid Blepharoplasty with Orbitomalar Suspension: Retrospective Review of 212 Consecutive Cases* 22
Weerawan Chokthaweesak, M.D.
International Fellow
- 1:35** **Discussion**
- 1:39** *Upper Eyelid Crease Approach for Optic Nerve Sheath Fenestration* 23
Katherine Whipple, M.D.
First Year Resident
- 1:47** **Discussion**

1:51	<p><i>Mullerectomy vs. Levator Advancement: A Review of Surgical Management of Upper Eyelid Ptosis</i></p> <p>Jeong-Kyu Lee, M.D., Ph.D. International Fellow</p>	24
1:59	Discussion	
2:03	<p><i>Graded Upper Eyelid Retractor Recession for Correction of Upper Eyelid Retraction in Thyroid-Related Orbitopathy</i></p> <p>Jasper Shen, B.A. UCSD Second Year Medical Student</p>	25
2:11	Discussion	
2:15	<p><i>Management of Complications of Soft Tissue Fillers</i></p> <p>Michael S. McCracken, M.D. Clinical Assistant Professor, University of Colorado Health Sciences Center; McCracken Eye and Face Institute, Parker, Colorado</p>	26
2:23	Discussion	

- RETINA AND VITREOUS SECTION -

2:27	<p><i>Division Overview</i></p> <p>William R. Freeman M.D. (Moderator) Professor of Ophthalmology; Director of the Joan & Irwin Jacobs Retina Center; Co-Director, Retina Division</p>	
2:37	<p><i>Non-Infectious HIV Retinopathy: Pathway and Gene Ontology Based Analysis of Gene Expression in Lesions from Human Autopsy Eyes</i></p> <p>Igor Kozak, M.D., Ph.D., M.S. Assistant Project Scientist</p>	27
2:45	Discussion	
2:49	<p><i>New Observations by Spectral OCT/SLO: Imaging of the Vitreous</i></p> <p>Francesca Mojana, M.D. International Fellow</p>	28
2:57	Discussion	

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- 3:01** *Retinal Photoreceptor Layer Disruption on Spectral Optical Coherence Tomography is a Strong Predictor of Poor Visual Acuity in Patients with Epiretinal Membranes* 29
Anjali Maheshwary, M.D.
First Year Resident
- 3:09** **Discussion**
- 3:13 PM** **BREAK**
- 3:25** *The Use of Intraoperative ICG Dye to Assist in Epiretinal Membrane Removal; A Novel Application of ICG Surgical Use* 30
Ritchie M.S. Yuson, M.D.
International Fellow
- 3:33** **Discussion**
- 3:37** *Porous Silica-Based Materials for the Treatment of Age-Related Macular Degeneration* 31
Jennifer S. Andrew, Ph.D.
Post-doctoral Research Fellow, UCSD Department of Chemistry and Biochemistry
- 3:45** **Discussion**
- 3:49** *Sustained and Observable Release of Daunorubicin Using Porous Si Particles: A Potential Treatment for Proliferative Vitreo-Retinopathy* 32
Elizabeth Wu, B.S.
Fourth Year Graduate Student, UCSD School of Bioengineering
- 3:57** **Discussion**
- 4:01** *Findings and Correlation between Spectral OCT and Fundus Autofluorescence at the Margins of Geographic Atrophy* 33
Manpreet Brar, M.D.
International Fellow
- 4:09** **Discussion**

- GENETICS SECTION -

- 4:13** *Research Overview*
Radha Ayyagari, Ph.D. (Co-Moderator)
Associate Professor of Ophthalmology

4:16	<i>Research Overview</i>	
	Kang Zhang, M.D., Ph.D. (Co-Moderator)	
	Professor of Ophthalmology and Human Genetics	
4:19	<i>Strategies to Treat Retinal Degenerations</i>	34
	Vidyullatha Vasireddy, Ph.D.	
	Assistant Project Scientist	
4:27	Discussion	
4:31	<i>Surveying Genes Strongly Influencing Risk of Age-Related Macular Degeneration</i>	35
	Ruben Carmona, B.S.	
	UCSD First Year Medical Student	
4:39	Discussion	
4:43	<i>Characterization of a Gene Involved in Exudative Macular Degeneration</i>	36
	Venkata R. M. Chavali, Ph.D.	
	Post-Doctoral Research Fellow	
4:51	Discussion	
4:55	<i>Evaluation on the Association of the Variants in Complement Component 5 Gene and Age-Related Macular Degeneration</i>	37
	Yuhong Chen, M.D.	
	Post-Doctoral Research Fellow	
5:03	Discussion	
5:07	<i>Association of Complement Factor D Polymorphism in Age-Related Macular Degeneration</i>	38
	XuFang Sun, Ph.D.	
	Post-Doctoral Research Fellow	
5:15	Discussion	
5:19	<i>Studies on Late Onset Retinal Degeneration</i>	39
	Nicoleta Dobri, Ph.D.	
	Post-Doctoral Research Fellow	
5:27	Discussion	

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- 5:31** *PROM1 Mutation Causes Bull's Eye Maculopathy Associated with Rod, Rod-Cone and Macular Dystrophy* 40
Matthew Bedell, B.S.
UCSD Third Year Medical Student
- 5:39** **Discussion**
- 5:43 PM** **RECEPTION**
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Saturday, June 6, 2009

8:30 AM COFFEE/TEA SERVICE

- 9:00** *Welcome*
Stuart I. Brown, M.D.
- 9:03** *Opening Remarks*
Leah Levi, M.D.

- PEDIATRIC OPHTHALMOLOGY AND STRABISMUS SECTION -

- 9:05** *Division Overview*
David B. Granet, M.D., F.A.A.O., F.A.C.S., F.A.A.P. (Moderator)
Professor of Clinical Ophthalmology; Anne F. Ratner Professor of Ophthalmology & Pediatrics;
Director, Anne F. & Abraham Ratner Children's Eye Center
- 9:15** *Visuospatial Development in Children with Spastic Bilateral Cerebral Palsy: Evidence for Selective Deficits* 41
Natacha Akshoomoff, Ph.D.
Associate Professor, UCSD Department of Psychiatry, Center for Human Development
- 9:23** **Discussion**

9:27	<p><i>New Retinal Findings in Cherubism</i></p> <p>Shira L. Robbins, M.D. Assistant Clinical Professor</p>	42
9:35	Discussion	
9:39	<p><i>Improving the Model of Refractive Growth in Pediatric Pseudophakia</i></p> <p>Captain Scott K. McClatchey, M.D. Department of Ophthalmology, Naval Medical Center, San Diego; Co-Director, Combined UCSD/NMCSO Pediatric Ophthalmology Fellowship</p>	43
9:47	Discussion	
9:51	<p><i>Atypical Visual Development in Infants at Risk for Autism Spectrum Disorders</i></p> <p>Karen R. Dobkins, Ph.D. Professor, UCSD Department of Psychology</p>	44
9:59	Discussion	
10:03	<p><i>Luminance and Chromatic Contrast Sensitivity in Healthy Preterm Infants and Infants with Mild Retinopathy of Prematurity</i></p> <p>Rain G. Bosworth, Ph.D. Assistant Project Scientist, UCSD Department of Psychology</p>	45
10:11	Discussion	
10:15	<p><i>Restrictive Strabismus Following Pterygium Excision Surgery Combined with Amniotic Membrane Transplantation</i></p> <p>Chantal Boisvert, M.D. Clinical Fellow</p>	46
10:23	Discussion	

- COMMUNITY OPHTHALMOLOGY SECTION-

10:27	<p><i>Division Overview</i></p> <p>Barbara L. Brody, M.P.H. (Moderator) Clinical Professor of Ophthalmology & Family Preventive Medicine; Director, Division of Community Ophthalmology</p>	
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10:39	<i>Prevalence of Refractive Errors in 5-6 Year-Old Children in Taipei, Taiwan</i> Anne-Catherine Roch-Levecq, Ph.D Senior Statistician	47
10:47	Discussion	
10:51 AM	BREAK	
- CORNEA AND ANTERIOR SEGMENT SECTION -		
11:05	<i>Division Overview</i> David J. Schanzlin, M.D. (Moderator) Professor of Clinical Ophthalmology; Director of Keratorefractive Surgery	
11:15	<i>Effect of Riboflavin and Ultraviolet Light on Human Corneal Rigidity</i> Sean M. Liston, M.D. Clinical Fellow	48
11:23	Discussion	
11:27	<i>Clinical Outcomes of Mini-Enhancement of LASIK</i> Nicole Brandt, M.D. Clinical Fellow	49
11:35	Discussion	
11:39	<i>Wavefront-Guided VISX WaveScan Wavefront IntraLase LASIK Compared to Wavefront-Optimized ALLEGRETTO WaveLight IntraLase LASIK for the Treatment of Low to Moderate Myopia and Astigmatism: Interim Three Month Visual Acuity and Wavefront Outcomes</i> James Sbarbaro, M.D. Clinical Fellow	50
11:47	Discussion	
11:51	<i>Optical Aberrations Induced by Decentration of Intraocular Lenses</i> Myoung Joon Kim, M.D International Fellow	51
11:59	Discussion	

12:03	<p><i>Corneal Crosslinking for Keratoconus & Post Lasik Ectasia</i></p> <p>Jennifer Bernabe-Ko, M.D. International Fellow</p>	52
12:11	Discussion	
12:15	<p><i>Ocular Imaging Techniques - a Useful Tool in the Diagnosis and Management of Patients with Anterior Segment Pathology</i></p> <p>Roxana Ursea, M.D. Assistant Professor of Ophthalmology; Director, Cornea and Refractive Surgery Division; Department of Ophthalmology, University of Arizona</p>	53
12:23	Discussion	
12:27	<p><i>Two Photon Microscopy of the Eye</i></p> <p>Fatma Tumer, B.S. Visiting Graduate Student</p>	54
12:35	Discussion	
12:39 PM	LUNCH	
1:40	<p><i>Introduction of the 6th Annual Stuart I. Brown Lecturer</i></p> <p>Stuart I. Brown, M.D.</p>	
1:45	<p>UC SAN DIEGO DEPARTMENT OF OPHTHALMOLOGY STUART I. BROWN LECTURE:</p> <p><i>Vision 2020, Who Deserves to See?</i></p> <p>Professor Hugh Taylor, A.C. Harold Mitchell Professor of Indigenous Eye Health, Melbourne School of Population Health, University of Melbourne, Australia; Vice President, International Agency for the Prevention of Blindness</p>	64
2:20	Discussion	

- GLAUCOMA SECTION -

- 2:30** *Division Overview*
Robert N. Weinreb, M.D. (Moderator)
Distinguished Professor of Ophthalmology, Vice Chair, Department of Ophthalmology;
Director, Hamilton Glaucoma Center
- 2:40** *Comparing Significant Change in Ocular Hypertensive Eyes with the Ocular Hypertension Treatment Study (OHTS) Abnormality Criteria, Guided Progression Analysis (GPA) and Disc Stereophotographs* 55
Sinee Srisamran, M.D.
International Fellow
- 2:48** **Discussion**
- 2:52** *Correlation of Visual Field Index with Structural Optic Disc Topography and Retinal Nerve Fiber Layer Thickness* 56
Harmohina Bagga, M.D.
Clinical Fellow
- 3:00** **Discussion**
- 3:04** *A Comparison of Rates of Change in Neuroretinal Rim Area and Retinal Nerve Fiber Layer Thickness in Progressive Glaucoma* 57
Luciana M. Alencar, M.D.
International Fellow
- 3:12** **Discussion**
- 3:16** *Basic 24-hour Intraocular Pressure Fluctuation is Inversely Correlated to Axial Length* 58
Nils Loewen, M.D., Ph.D.
Clinical Fellow
- 3:24** **Discussion**
- 3:28 PM** **BREAK**
- 3:45** *Racial Differences in Visual Function in Healthy Eyes in the African Descent and Glaucoma Evaluation Study (ADAGES)* 59
Lyne Racette, Ph.D.
Associate Project Scientist
- 3:53** **Discussion**

3:57	<p><i>Determinants of Agreement between the Heidelberg Retina Tomograph (HRT) Topographic Change Analysis (TCA) and Standardized Assessment of Glaucomatous Progression in the Diagnostic Innovations in Glaucoma Study (DIGS)</i></p> <p>Gianmarco Vizzeri, M.D. International Fellow</p>	60
4:05	Discussion	
4:09	<p><i>Outflow Facility in Mice with a Targeted Type I Collagen Mutation</i></p> <p>Yi Dai, M.D., Ph.D. International Fellow</p>	61
4:17	Discussion	
4:21	<p><i>Introduction of the Distinguished Alumnus Lecturer</i></p> <p>Robert N. Weinreb, M.D.</p>	
4:26	<p>UC SAN DIEGO DEPARTMENT OF OPHTHALMOLOGY DISTINGUISHED ALUMNI LECTURE:</p> <p><i>Treating the Patient, Not Just the Intraocular Pressure</i></p> <p>Steven L. Mansberger M.D., M.P.H. Associate Scientist; Head of Ophthalmic Clinical Trials, Devers Eye Institute, Portland, Oregon; Affiliate Associate Professor, Oregon Health Sciences University; Head of the Glaucoma Service, Portland VA Hospital</p>	66
4:56	Discussion	
5:00 PM	CLOSING	