

∞ **OLIVIA L. LEE, M.D.** ∞

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**EDUCATION:**

B.A., Psychology, *Cum Laude*  
Rice University, Rice/Baylor Medical Scholars Program  
Houston, TX  
August 1998-May 2001

M.D.  
Baylor College of Medicine, Rice/Baylor Medical  
Scholars Program  
Houston, TX  
August 2001-May 2005

Internship, Transitional Year  
Departments of Internal Medicine and Surgery  
New York Hospital Queens, Weill Cornell Medical School  
Flushing, NY  
July 2005-June 2006

Residency, Ophthalmology  
Department of Ophthalmology  
New York Eye and Ear Infirmary, New York Medical  
College  
New York, NY  
July 2006-June 2009

Fellowship, Cornea, External Disease & Refractive Surgery  
Department of Ophthalmology/Division of Cornea & Uveitis  
Jules Stein Eye Institute, University of California at Los  
Angeles  
Los Angeles, CA  
July 2009-July 2010

Fellowship, Uveitis and Ocular Immunology  
Department of Ophthalmology  
New York Eye and Ear Infirmary, New York Medical  
College  
New York, NY  
July 2010-June 2011

**LICENSURE:** California, Certificate Number, A108839, 2009

**BOARD CERTIFICATION:** American Board of Ophthalmology, 2010

**PROFESSIONAL EXPERIENCE:** **Present Position:**  
Assistant Professor of Ophthalmology  
Doheny Eye Institute  
David Geffen School of Medicine at UCLA  
Pasadena, CA  
July 2014- present

Investigator  
Doheny Image Reading Center  
Doheny Eye Institute  
Los Angeles, CA  
2013-Present

**Previous Positions:**  
Assistant Professor of Clinical Ophthalmology  
Department of Ophthalmology  
Keck School of Medicine of the University of  
Southern California  
Los Angeles, CA 90033  
August 2011-June 2014

Attending Ophthalmologist  
Comprehensive, Cornea and Trauma Services  
The New York Eye and Ear Infirmary  
New York, NY  
July 2010-June 2011

Clinical Instructor  
Jules Stein Eye Institute  
David Geffen School of Medicine at UCLA  
Los Angeles, CA  
July 2009-June 2010

Guest Researcher  
Laboratory of Immunology  
National Eye Institute/National Institutes of Health  
Bethesda, MD  
July 1997-July 2001 (summers only)

Student Intern

Department of Pediatrics  
The Uniform Services University of the Health Sciences  
Herbert School of Medicine  
Bethesda, MD  
June 1996-August 1996

**PROFESSIONAL ACTIVITIES:** **Community Service:**

Float Decorator, Donate Life Rose Parade Float,  
December 2013

Visiting Consultant, Lifeline Express Eye Train  
Jilin, China, June 2013 and November 2014

Volunteer Faculty, Orbis Flying Eye Hospital  
Jakarta, Indonesia, June 2010

Interviewer, Rice Alumni Volunteers for Admission,  
2005-Present

**Professional Associations:**

American Academy of Ophthalmology

American Society of Cataract and Refractive Surgeons

Association for Research in Vision and Ophthalmology

Chinese American Ophthalmological Society

Doheny-USC Professional Association

Laboratory of Immunology Alumni Association,  
National Eye Institute

Los Angeles Society of Ophthalmology

Max Fine Cornea Society

Southern California Cornea Society

Women in Ophthalmology

**Professional Service:**

USC/Doheny Eye Institute residency selection  
committee, 2011-2013.

USC/Doheny Eye Institute cornea fellowship selection committee, 2011-2013.

Young Ophthalmology Committee, Chinese American Ophthalmologist Society, 2011- present

Pasadena Physician's Steering Committee, Keck Medical Center of USC, May 2012-June 2014

Clinical committee, Doheny Eye Center UCLA, 2014-Present.

UCLA/Stein Eye Institute residency selection committee, 2014-Present.

UCLA/Stein Eye Institute uveitis fellowship selection committee, 2014-Present.

Accreditation Committee, Eye Bank Association of America, 2014-Present.

YO Info Sub-committee, Young Ophthalmologist Committee, American Academy of Ophthalmology, beginning January 2015

Practicing Ophthalmologists Curriculum (POC) Cornea/External Disease Panel, American Academy of Ophthalmology, beginning January 2015

**Teaching Roles:**

1. Jules Stein Eye Institute Residents, 2009-2010; 2014-Present.
2. New York Eye & Ear Infirmary Residents, 2010-2011.
3. University of Southern California Medical Students, USC/Doheny Eye Institute Residents, Cornea Fellows, and Medical Retina/Uveitis Fellow, 2011–2014.
4. Doheny Image Reading Center Research Fellows and Postdocs, 2013-Present.
5. University of California Los Angeles/David Geffen School of Medicine ophthalmology residents, uveitis and cornea fellows, 2014-Present.

**Mentorship of Former Fellows:**

1. Veena Raiji, M.D. (Medical Retina/Uveitis Fellow, 2011-2012, Assistant Professor at George Washington University).

2. Mingwu Wang, M.D., Ph.D. (Cornea Fellow, 2011-2012, Associate Professor at University of Arizona).
3. Omar Chaudhary, M.D. (Cornea Fellow, 2011-2012, private practice).
4. Pho Nguyen, M.D. (Cornea Fellow, 2012-2013, private practice).
5. Benjamin Bert, M.D. (Cornea Fellow, 2012-2013, private practice).
6. Jennifer Lee, M.D. (Cornea Fellow, 2013-2014, Assistant Professor at Dean McGee Eye Institute).

**Clinical Interests:**

1. High risk and complex keratoplasty.
2. Inflammatory ocular surface disease.
3. Complex cataract surgery, particularly in uveitic eyes.
4. Immunosuppression for the treatment of inflammatory eye disease.
5. Pterygia.

**HONORS AND SPECIAL AWARDS:**

1. Outstanding Scholastic Achievement in Biomedical Science, American Heart Association, February 1996.
2. Outstanding Scholastic Achievement Award, Chinese Medical and Health Association, February 1997.
3. The White House Presidential Scholars Program, April 1998.
4. The State of Maryland Governor's Citation, May 1998.
5. Alumnus, Howard Hughes Medical Institute/NIH Internship Program, July 1997-May 1998.
6. President's Honor Roll at Rice University, 1998.
7. Member, Rice/Baylor Medical Scholars Program, 1998-Present.
8. Member, *Psi Chi*, National Honor Society in Psychology, 2001-Present.
9. Best Paper of Session 2-L Refractive: Pachymetry, Wavefront; ASCRS Symposium, May 2, 2004.

10. Honorable Mention, Student Research Symposium, Baylor College of Medicine, April 2005.
11. AMO Resident Writers Award Nominee, 2008.
12. Louise J. Girard Award for Ophthalmic Research, June 2009.
13. Winner, ASCRS 2012 Film Festival Winner, Category New Producer, April 23, 2012.
14. Los Angeles Magazine Super Doctors Southern California Rising Stars, 2013 and 2014.
15. Pasadena Magazine Top Doctors, 2012, 2013, and 2014.
16. Best Paper of Session 4-F: Cornea Pathology, Biomechanics; ASCRS Symposium, April 29, 2014.

**RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:**

**Funded Studies:**

1. "Eyeguard A: Gevokizumab for treating active non-infectious, intermediate uveitis." Sponsor: Xoma/Janix Biosciences.
2. "Eyeguard C: Gevokizumab for treating controlled, non-infectious, intermediate uveitis." Sponsor: Xoma/Janix Biosciences.
3. "Specular microscopy for Bimatoprost-SR 041D clinical trial." Sponsor: Allergan, Inc. and Doheny Image Reading Center.
4. "Meibomian gland imaging for AGN-195263 clinical trial." Sponsor: Allergan, Inc. and Doheny Image Reading Center.
5. "Anterior segment ophthalmic imaging for sustained release CSA." Sponsor: Allergan, Inc. and Doheny Image Reading Center.
6. "Graft versus host disease: Natural history and ocular surface imaging" Sponsor: Allergan, Inc.

**Non-Funded Studies:**

1. "Anti-VEGF therapy for pterygia and other anterior segment indications."
2. "Anterior segment OCT imaging applications for cornea and uveitis."
3. "Pterygium Pathogenesis."

Collaborator: Lars Bellner, Ph.D., New York Medical College.

**LECTURES AND PRESENTATIONS:**

**Invited Lectures and Didactic Lectures:**

1. **Lee OL.** "Restrictive strabismus secondary to lost inferior rectus muscle." Pediatric Ophthalmology Grand Rounds, Cullen Eye Institute, Houston, TX. April 23, 2004.
2. **Lee OL.** "Cutaneous melanoma metastatic to extraocular muscle." Grand Rounds, National Eye Institute, Bethesda, MD. August 13, 2004.
3. **Lee OL.** "Klebsiella associated endogenous panophthalmitis." Uveitis Grand Rounds, New York Eye and Ear Infirmary. New York, NY. December 1, 2006.
4. **Lee OL.** "Dorsal midbrain syndrome." Neuro-ophthalmology Grand Rounds, New York Eye and Ear Infirmary. New York, NY. January 26, 2007.
5. **Lee OL.** "Juvenile X-linked retinoschisis." Retina Grand Rounds, New York Eye and Ear Infirmary. New York, NY. March 31, 2007.
6. **Lee OL.** "AlphaCor keratoprosthesis." Cornea Grand Rounds, New York Eye and Ear Infirmary. New York, NY. April 20, 2007.
7. **Lee OL.** "Central retinal artery occlusion resolved with ocular massage." General Ophthalmology Grand Rounds, New York Eye and Ear Infirmary. New York, NY. September 6, 2007.
8. **Lee OL.** "Acquired esotropia and Arnold Chiari malformation." Pediatrics and Strabismus Grand Rounds, New York Eye and Ear Infirmary. New York, NY. November 2, 2007.
9. **Lee OL.** "Asymmetric progressive glaucomatous optic neuropathy in a patient with a rare developmental variant of the ophthalmic artery." Glaucoma Grand Rounds, New York Eye and Ear Infirmary. New York, NY. December 6, 2007.
10. **Lee OL.** "White dot syndromes." Fluorescein Angiography Conference, New York Eye and Ear Infirmary. New York, NY. April 1, 2008.
11. **Lee OL.** "Non-proliferative diabetic retinopathy." Fluorescein Angiography Conference, New York Eye and Ear Infirmary. New York, NY. October 14, 2008.
12. **Lee OL.** "Retinal arterial occlusions." Fluorescein Angiography Conference, New York Eye and Ear Infirmary. New York, NY. November 18, 2008.
13. **Lee OL.** "Phakic intraocular lenses: Current and emerging technology." New York Keratorefractive Society. New York, NY. November 18, 2008.

14. **Lee OL**, Deng SX. "Limbal epithelial changes in patients with corneal edema using confocal microscopy." Cornea Conference, Jules Stein Eye Institute. Los Angeles, CA. September 9, 2009.
15. **Lee OL**. "Anterior segment dysgenesis disorders." Cornea Conference, Jules Stein Eye Institute. Los Angeles, CA. December 9, 2009.
16. **Lee OL**, Deng SX, Aldave AJ. "Fungal mycosis in DSAEK lenticle." 18th Annual VISTA Scientific Conference, Fort Lauderdale, FL. May 2, 2010.
17. **Lee OL**. "Peripheral ulcerative keratitis." Cornea Conference, Jules Stein Eye Institute. Los Angeles, CA. June 9, 2009.
18. **Lee OL**. "Peripheral ulcerative keratitis and Mooren's ulcer." ORBIS Flying Eye Hospital Jakarta Program, Jakarta, Indonesia. June 18, 2010.
19. **Lee OL**. "Pterygium." ORBIS Flying Eye Hospital Jakarta Program, Jakarta, Indonesia. June 18, 2010.
20. **Lee OL**. "Deep anterior lamellar keratoplasty." ORBIS Flying Eye Hospital Jakarta Program, Jakarta, Indonesia. June 18, 2010.
21. **Lee OL**. "Advances in corneal transplantation: Options beyond penetrating keratoplasty." Department of Ophthalmology Grand Rounds, Stanford University. Palo Alto, CA. August 17, 2010.
22. **Lee OL**. "Peripheral ulcerative keratitis." Department of Ophthalmology Resident Conference, Yale University. New Haven, CT. January 7, 2011.
23. Hong BK and **Lee OL (discussant)**. "Una cicatriz: ocular cicatricial pemphigoid." Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. September 30, 2011.
24. Chaudhary O and **Lee OL**. "Advances in corneal transplantation: Femtosecond laser assisted keratoplasty." Saturday CME Series "Innovations in Ophthalmic Surgery: Bubbles to Shunts." Doheny Eye Institute, Los Angeles, CA. October 8, 2011.
25. **Lee OL**. "Clinical approach to immune-related disorders of the external eye." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. December 23, 2011.
26. **Lee OL**. "Ocular immunology." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. December 23, 2011.



27. Sand D and **Lee OL (discussant)**. "Herpes Zoster Ophthalmicus." Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. January 13, 2012.
28. **Lee OL**. "Refractive intraocular surgery." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. January 13, 2012.
29. **Lee OL**. "When steroids aren't enough: therapeutic options in the treatment of uveitis." 80th Midwinter Conference. Research Study Club of Los Angeles. Good Samaritan Hospital. Los Angeles, CA. February 11, 2012.
30. Dattoo O'Keefe G and **Lee OL (discussant)**. "Cogan's syndrome." Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. March 23, 2011.
31. **Lee OL**. "Anterior segment." Seventh Annual Doheny Eye Institute/Jules Stein Eye Institute Comprehensive Ophthalmology Review Course. Jules Stein Eye Institute. Los Angeles, CA. February 25, 2012.
32. **Lee OL**. "Anti-VEGF for the treatment of primary and recurrent pterygia." ARVO. Ft. Lauderdale, FL. May 8, 2012.
33. **Lee OL**. "Surgery in uveitic eyes: Cataract surgeon's perspective." Saturday CME Series "Uveitis: how it applies to your practice.." Doheny Eye Institute. Los Angeles, CA. May 12, 2012.
34. **Lee OL**. "Options in the treatment of noninfectious uveitis." Saturday CME Series "Uveitis: how it applies to your practice.." Doheny Eye Institute. Los Angeles, CA. May 12, 2012.
35. **Lee OL**. "Anterior segment." Resident mock oral exam, Doheny Eye Institute, Los Angeles, CA. June 12, 2012.
36. Yeter K and **Lee OL (discussant)**. "Corneal melt." Division of Rheumatology Clinical Conference, University of Southern California, Los Angeles, CA. September 24, 2012.
37. **Lee OL**. "Immune-mediated corneal melting diseases." Division of Rheumatology Clinical Conference, University of Southern California, Los Angeles, CA. September 24, 2012.
38. **Lee OL**. "Clinical approach to immune-related disorders of the external eye." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. December 21, 2012.

39. **Lee OL.** "Ocular immunology." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. December 21, 2012.
40. **Lee OL.** "Anterior segment." Resident mock oral exam, Doheny Eye Institute, Los Angeles, CA. January 18, 2013.
41. **Lee OL.** "Refractive intraocular surgery." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. January 25, 2013.
42. **Lee OL.** "Anterior segment." Eighth Annual Doheny Eye Institute/Jules Stein Eye Institute Comprehensive Ophthalmology Review Course. Jules Stein Eye Institute. Los Angeles, CA. March 9, 2013.
43. **Lee OL.** "Uveitis review." Residents OKAP Review Lecture Series. Los Angeles County Hospital. Los Angeles, CA. March 6, 2013.
44. **Lee OL.** "Cataract surgery in uveitic eyes." Saturday CME Series, "Complex cataracts." Doheny Eye Institute. Los Angeles, CA. March 16, 2013.
45. **Lee OL.** "Uveitis treatment principles." Basic and Clinical Science Course Residents Lecture Series. Jules Stein Eye Institute. Los Angeles, CA. April 3, 2013.
46. **Lee OL.** "Autoimmune corneal melt." Ocular Surface Disease Asia Pacific Preceptorship Program, Doheny Eye Institute, Los Angeles, CA. April 8, 2013.
47. **Lee OL.** "Pterygia: medical and surgical intervention." Ocular Surface Disease Asia Pacific Preceptorship Program, Doheny Eye Institute, Los Angeles, CA. April 8, 2013.
48. Cuzzo L and **Lee OL (discussant).** "Not your average corneal melt, Part I" Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. April 12, 2013.
49. **Lee OL.** "Autoimmune corneal melt." VISTA Cornea Society Meeting, Seattle, WA. May 5, 2013.
50. Cuzzo L and **Lee OL.** "Not your average scleral melt." VISTA Cornea Society meeting, Seattle, WA. May 5, 2013.
51. **Lee OL.** "Corneal transplantation: The gift of sight." Luminaires Founders Meeting, San Gabriel, CA. May 9, 2013.
52. **Lee OL.** "Scleral melt." Max Fine Cornea Society meeting, Los Angeles, CA. May 10, 2013.

53. **Lee OL.** “DALK: Is the big bubble worth the trouble?” Advances in Cornea Surgery Symposium, Santa Monica, CA. May 11, 2013.
54. Browne AW and **Lee OL (discussant).** “TEN syndrome.” Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. May 17, 2013.
55. Cuzzo L and **Lee OL (discussant).** “Not your average corneal melt, Part II.” Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. May 31, 2013.
56. **Lee OL.** “Therapeutic approach to the treatment of non-infectious uveitis.” Lifeline Express Visiting Consultants Program, 吉林中西醫結合醫院. Jilin, China. June 15, 2013.
57. **Lee OL.** “Endothelial keratoplasty.” Lifeline Express Visiting Consultants Program, 吉林中西醫結合醫院. Jilin, China. June 15, 2013.
58. Cuzzo L and **Lee OL (discussant).** “Fuchs Heterochromic Iridocyclitis.” Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. August 1, 2013.
59. **Lee OL (Visiting Professor).** “Approach to a new uveitis patient.” Department of Ophthalmology Grand Rounds, Gavin Herbert Eye Institute, University of California Irvine, Irvine, CA. November 20, 20/13
60. **Lee OL (Visiting Professor).** “Anterior segment Imaging modalities applied to the cornea and ocular surface.” Department of Ophthalmology Grand Rounds, Gavin Herbert Eye Institute, University of California Irvine, Irvine, CA. November 20, 2013.
61. **Lee OL (Visiting Professor).** “Therapeutic principles and advances in the treatment of non-infectious uveitis.” Department of Ophthalmology Grand Rounds, Gavin Herbert Eye Institute, University of California Irvine, Irvine, CA. November 20, 2013.
62. **Lee OL.** “Ocular emergencies,” Huntington Memorial Hospital, Pasadena, CA. December 11, 2013.
63. Tepelus T and **Lee OL.** “Experience with HRTIII confocal microscopy at Doheny Eye Institute” Allergan headquarters, Irvine, CA. December 2, 2013.
64. **Lee OL.** “New treatment options for non-infectious uveitis” Monterey Park, CA. December 13. 2013.
65. **Lee OL.** “Ocular immunology and immune related disorders.” Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. January 17, 2014.

66. **Lee OL.** "Refractive intraocular surgery." Basic and Clinical Science Course Residents Lecture Series, Doheny Eye Institute, Los Angeles, CA. January 17, 2014.
67. **Lee OL.** "Corneal endothelial analysis." Cornea Conference, Jules Stein Eye Institute, UCLA. Los Angeles, CA. January 22, 2014.
68. **Lee OL.** "Uveitis review." Residents OKAP Review Lecture Series. Los Angeles County Hospital. Los Angeles, CA. January 28, 2014.
69. **Lee OL.** "Anterior segment." Ninth Annual Doheny Eye Institute/Jules Stein Eye Institute Comprehensive Ophthalmology Review Course. Jules Stein Eye Institute, UCLA. Los Angeles, CA. February 22, 2014.
70. Lee SY and **Lee OL (discussant).** "Scleral patch grafting." Department of Ophthalmology Grand Rounds, Doheny Eye Institute, Los Angeles, CA. March 21, 2014
71. **Lee OL** and Saleh N. "Oculus keratograph research summary." Allergan headquarters, Irvine, CA. March 27, 2014.
72. **Lee, OL.** "Corneal involvement in eyes with mucous membrane pemphigoid." 45th Annual Doheny Days Conference, Doheny Eye Institute, Los Angeles, CA. June 20, 2014.
73. **Lee, OL.** "Dry eye disease." Continuing medical education program, Pacifica Hospital of the Valley, Sun Valley, CA. July 31, 2014.
74. **Lee, OL.** "Ocular immunology." Medical student basic science lecture series, David Geffen School of Medicine UCLA, Westwood, CA. September 8, 2014.
75. **Lee, OL.** "Ocular manifestations of rheumatologic disease." Internal medicine resident lecture series, Huntington Memorial Hospital, Pasadena, CA. September 30, 2014.
76. **Lee, OL.** "Scleritis: medical management strategies." Advanced treatment of ocular surface inflammatory diseases symposium, combined Cornea Society and American Academy of Ophthalmology annual meeting, Chicago, IL. October 21, 2014.
77. **Lee OL.** "Uveitis review." First year residents BCSC lecture series. David Geffen School of Medicine UCLA, Westwood, CA. October 22, 2014.
78. **Lee OL.** "Immunosuppression for anterior segment disease." Southern California Cornea Society Journal Club, Beverly Hills, CA. October 28, 2014 (anticipated).

57. **Lee OL.** “Corneal transplantation.” Lifeline Express Visiting Consultants Program, 吉林中西醫結合醫院. Jilin, China. November 3, 2013 (anticipated).
57. **Lee OL.** “Herpetic eye disease.” Lifeline Express Visiting Consultants Program, 吉林中西醫結合醫院. Jilin, China. November 3, 2013 (anticipated).
57. **Lee OL.** “Corneal ulcers.” Lifeline Express Visiting Consultants Program, 吉林中西醫結合醫院. Jilin, China. November 3, 2013 (anticipated).

**PUBLICATION/BIBLIOGRAPHY**

**RESEARCH PAPERS (PEER REVIEWED):**

**A. RESEARCH PAPERS – PEER REVIEWED:**

1. Ro T, Shelton D, **Lee OL**, and Chang E. Extrageniculate mediation of unconscious vision in TMS induced blind sight. *PNAS*. 2004; 101(26):9933-5.
2. Koplín RS, Ritterband DC, **Lee OL**, Seedor JA. Flap lift and repair of postoperative laser in situ keratomileusis complications at the slit lamp. *J Cataract Refract Surg*. 2010 Jul;36(7):1069-72.
3. Wiaux C, Baghdasaryan E, **Lee OL**, Deng SX, Aldave AJ. Outcomes following Descemet stripping endothelial keratoplasty in glaucoma patients with previous trabeculectomy and tube shunt implantation. *Cornea*. 2011 Dec;30(12):1304-11.
4. Deng SX, Sejjal K, Tang Q, Aldave AJ, **Lee OL**, Yu F. Evaluation of cellular and structural changes in the cornea in limbal stem cell deficiency using in-vivo confocal microscopy. *Arch Ophthalmol*. 2012 Apr;130(4):440-5.
5. Fox T, Gotlinger KH, Dunn MW, **Lee OL**, Milman T, Zaidman G, Schwartzman ML, Bellner L. Dysregulated Heme Oxygenase-Ferritin System in Pterygium Pathogenesis. *Cornea*. Jun 20, 2013.

**B. RESEARCH PAPERS – PEER REVIEWED (IN PRESS):**

None.

**C. RESEARCH PAPERS – PEER REVIEWED (SUBMITTED):**

None.

**RESEARCH PAPERS (NON-PEER REVIEWED):**

**D. RESEARCH PAPERS – NON-PEER REVIEWED:**

None.

**E. RESEARCH PAPERS – NON-PEER REVIEWED (IN PRESS):**

None.

**F. RESEARCH PAPERS – NON-PEER REVIEWED (SUBMITTED):**

None.

**CHAPTERS:**

1. **Lee OL**, Samson CM. How should one properly employ topical corticosteroid therapy? In: C.S. Foster, Editor, Curbside Consultation in Uveitis: 49 Clinical Questions.
2. **Lee OL**, Samson CM, Foster CS. Tuberculosis. In: CS Foster and AT Vitale, Editors, Diagnosis and Treatment of Uveitis.
3. **Lee OL**. Idiopathic and Other Anterior Uveitis Syndromes. In: Myron Yanoff & Jay Duker, Editor, Ophthalmology, 4th edition.

**LETTERS TO THE EDITOR:**

None.

**REVIEWS:**

None.

**EDITORIALS:**

None.

**PAPERS IN PREPARATION (RESEARCH COMPLETED):**

1. **Lee OL**. Efficacy of single and multiple subconjunctival bevacizumab injections in recurrent pterygia.
2. **Lee OL**. Conjunctival sparing technique with use of fibrin adhesive in pterygium surgery.
3. Cuzzo L and **Lee OL**. Intraocular granulocytic sarcoma manifested by scleral melt.
4. Huang J, Maram J, Modak C, Sadda SR, Chopra V, **Lee OL**. Comparison of non-contact specular and confocal microscopy for the evaluation of the corneal endothelium.
5. Modak C, Huang J, Maram J, Marion K, Niemeyer M, Obregon L, Sadda SR, Chopra V, **Lee OL**. Comparison of manual and automated grading methods for corneal endothelial cell density measurements by specular microscopy.
6. Obregon LF, Modak C, Huang J, Sadda SR, Chopra V, **Lee OL**. Consistency in endothelial cell density values from different central locations as graded by specular microscopy.
7. Breazzano MP, Huang J, Modak C, Sadda SR, Chopra V, **Lee OL**. Characterization of corneal endothelium in glaucomatous eyes managed medically or surgically.
8. Tepelus T, Sadda SR, **Lee OL**. Characterization of corneal involvement in eyes with mucous membrane pemphigoid by in vivo confocal microscopy.

9. Tepelus TC, Chiu G, Maram J, Chopra V, Sadda SR, **Lee OL**. Characterization of corneal features in ocular graft versus host disease by in vivo confocal microscopy.
10. Nguyen AH, Chiu GB, Francis BA, **Lee OL**, Chopra V. Glaucoma surgical technique modifications for patients wearing scleral lenses.

#### **PAPER PRESENTATIONS:**

1. **Lee OL**. Characterization of the T-cell receptor V $\gamma$  genes in the rat. HHMI/MCPS/NIH Internship Program Dinner Symposium. Howard Hughes Medical Institute, Bethesda, MD. May 6, 1998.
2. Basti S, **Lee OL**, Li W and Koch DD. Wavefront-guided photorefractive keratectomy for myopia and myopic astigmatism. ASCRS Symposium, San Diego, CA. May 2, 2004. (Won Best Paper of Session 2-L Refractive: Pachymetry, Wavefront)
3. **Lee OL**. Efficacy of subconjunctival bevacizumab injection in primary and recurrent pterygia. Seventh Annual National Eye Institute, Laboratory of Immunology Alumni Association Event. Bethesda, MD. June 13, 2008.
4. **Lee OL** and Ritterband DC. Efficacy of subconjunctival bevacizumab injections in recurrent pterygia. ASCRS Symposium. San Francisco, CA. April 5, 2009.
5. De la Cruz J, Ritterband DC, **Lee OL**, Elderkin S. Aphakic versus pseudophakic Boston Kpro implantation: IOLs anterior segment imaging analysis. ASCRS Symposium. San Francisco, CA. April 6, 2009.
6. Berenbom A, Yin D, **Lee OL**. The optimal treatment for primary pterygia. Annual Resident & Fellow Research Day. New York Eye & Ear Infirmary, June 5, 2009.
7. Deng SX, Sejpal K, **Lee OL**, Aldave AJ, Yu F. Analysis of cellular changes in limbal stem cell deficiency by in vivo confocal microscopy. World Cornea Congress VI, Boston, MA. April 9, 2010.
8. **Lee OL**, Baghdasaryan E, Deng SX, Aldave AJ. Outcomes following Descemet stripping endothelial keratoplasty in glaucoma patients with previous trabeculectomy and tube shunt implantation. World Cornea Congress VI, Boston, MA. April 9, 2010.
9. **Lee OL**, Patel A, Diaz V, Kedhar SR, Samson CM. Serum estrogen and progesterone levels and intraocular inflammation. Annual Resident & Fellow Research Day. New York Eye & Ear Infirmary. May 20, 2011.
10. Patel AP, **Lee OL**. Conjunctival sparing technique with use of fibrin adhesive in pterygium surgery. ASCRS Symposium, Chicago, IL, April 23, 2012.



11. Bert B and **Lee OL**. Characterization of zig zag femtosecond laser assisted keratoplasty wound configuration using anterior segment OCT. Annual Doheny Days Conference, Los Angeles, CA, June 13, 2013.
12. **Lee OL**, Modak C, Huang J, Maram J, Chopra V. Determination of endothelial cell density by specular microscopy by manual and automated methods in normal and pathologic corneas. ASCRS Symposium. Boston, MA. April 29, 2014.
13. Tepelus T, Chiu G, Maram J, Chopra V, Sadda SR, **Lee OL**. Characterization of corneal features in ocular graft versus host disease by in vivo confocal microscopy. ASCRS Symposium. Boston, MA. April 29, 2014. (Won Best Paper of Session 4-F: Cornea Pathology, Biomechanics)

#### **POSTER PRESENTATIONS:**

1. **Lee OL**. T-cell receptor gamma delta gene usage in autoimmune uveitis. Annual Poster Session for Biosciences Students, Rice University, Houston, TX. April 18, 2000.
2. **Lee OL**, Reed GF, Caruso RC and Chew EY. Correlation of multi-focal electroretinograms with parameters of diabetic macular edema. NIH Poster Day. National Institutes of Health, Bethesda, MD. August 5, 2004.
3. **Lee OL**, Tari SR, Samson CM. Cost-analysis of uveitis patient visits at the New York Eye and Ear Infirmary. ARVO Annual Meeting. Fort Lauderdale, FL. May 8, 2007.
4. **Lee OL**, Panarelli AJ, Shah MK, Ritterband DC, Seedor JA. The microbiologic spectrum of corneal foreign bodies. ASCRS Symposium. Chicago, IL. April 9, 2008.
5. **Lee OL**, Banitt MR, Anderson JE, Shih CY, Ritterband DC. Efficacy of subconjunctival bevacizumab injection in primary and recurrent pterygia. ARVO Annual Meeting. Fort Lauderdale, FL. May 1, 2008.
6. **Lee OL**, Koplín RS, Patel J, Ritterband DC, Seedor JA. Slit lamp repair of LASIK flap complications. ARVO Annual Meeting. Fort Lauderdale, FL. May 3, 2009.
7. **Lee OL**, Aldave AJ, Hamilton DR. Histologic evaluation of zig-zag femtosecond laser trephination for penetrating keratoplasty. ARVO Annual Meeting, Fort Lauderdale, FL. May 2, 2010.
8. Yin D and **Lee OL**. Risk factors for pterygium recurrence after primary excision. ARVO Annual Meeting. Fort Lauderdale, FL. May 9, 2011.
9. **Lee OL**, Modak C, Huang J, Maram J, Marion K, Niemeyer M, Chopra V. Comparison of flex center and center methods for corneal endothelial cell density

- measurements by specular microscopy in eyes with Fuchs endothelial dystrophy. 28th Biennial Cornea Conference, Boston, MA, October 18-19, 2013.
10. Modak C, Huang J, Maram J, Marion K, Niemeyer M, Chopra V, **Lee OL**. Comparison of autotrace vs. center method for corneal endothelial cell density measurements by specular microscopy. 28th Biennial Cornea Conference, Boston, MA, October 18-19, 2013.
  11. Huang J, Maram J, Modak C, Chopra V, **Lee OL**. Comparison of confocal and specular microscopy for evaluation of corneal endothelium. 28th Biennial Cornea Conference, Boston, MA, October 18-19, 2013.
  12. Nguyen AH, Chiu GB, Francis BA, **Lee OL**, Chopra V. Glaucoma surgical technique modifications for patients wearing scleral lenses. ASCRS Symposium, Boston, MA, April 25-29, 2012.
  13. Bert B, **Lee OL**. Characterization of Zig-Zag femtosecond laser-assisted keratoplasty wound configuration using anterior segment OCT. ASCRS Symposium, Boston, MA, April 25-29, 2012.
  14. Huang J, Maram J, Modak C, Sadda SR, Chopra V, **Lee OL**. Comparison of non-contact specular and confocal microscopy for the evaluation of the corneal endothelium. ARVO Annual Meeting. Orlando, FL. May 4, 2014.
  15. Modak C, Huang J, Maram J, Marion K, Niemeyer M, Obregon L, Sadda SR, Chopra V, **Lee OL**. Comparison of manual and automated grading methods for corneal endothelial cell density measurements by specular microscopy. ARVO Annual Meeting. Orlando, FL. May 5, 2014.
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  17. Breazzano MP, Huang J, Modak C, Sadda SR, Chopra V, **Lee OL**. Characterization of corneal endothelium in glaucomatous eyes managed medically or surgically. ARVO Annual Meeting. Orlando, FL. May 5, 2014.
  18. **Lee OL**, Tepelus T, Sadda SR. Characterization of corneal involvement in eyes with mucous membrane pemphigoid by in vivo confocal microscopy. ARVO Annual Meeting. Orlando, FL. May 8, 2014.
  19. Tepelus TC, Chiu G, Maram J, Chopra V, Sadda SR, **Lee OL**. Characterization of corneal features in ocular graft versus host disease by in vivo confocal microscopy. ARVO Annual Meeting. Orlando, FL. May 8, 2014.

**FILM PRESENTATIONS:**

1. **Lee OL** and Chaudhary O. Femtosecond laser assisted keratoplasty: Step-by-step. ASCRS Symposium, Chicago, IL, April 20-24, 2012. (Won ASCRS 2012 Film Festival Winner category New Producer)
2. Dorairaj S and **Lee OL**. Deep anterior lamellar keratoplasty. ASCRS Symposium, Chicago, IL, April 20-24, 2012.
3. Patel AP and **Lee OL**. Conjunctival Sparing Technique for Pterygium Surgery. ASCRS Symposium, Chicago, IL, April 20-24, 2012.
4. **Lee OL**. Cataract surgery in uveitic eyes. ASCRS Symposium, Boston, MA, April 25-29, 2012.
5. **Lee OL**. From eyebank to OR: the journey of a cornea to transplantation. ASCRS Symposium, San Diego, CA, April 2014 (submitted).