

## CURRICULUM VITAE

### SUNG CHUL (SEAN) PARK, M.D.

#### **OFFICE ADDRESS:**

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#### **ACADEMIC/HOSPITAL APPOINTMENTS:**

Director, Glaucoma Research Center and Glaucoma Fellowship Program  
Manhattan Eye, Ear and Throat Hospital (A Subsidiary of Lenox Hill Hospital), New York, NY  
Jan 2015 – Present

Assistant Professor of Ophthalmology  
Hofstra North Shore-LIJ School of Medicine, Hempstead, NY  
Jan 2015 – Present

Director, Glaucoma Clinic  
New York Eye and Ear Infirmary of Mount Sinai, New York, NY  
Jul 2014 – Dec 2014

Assistant Professor of Ophthalmology  
Icahn School of Medicine at Mount Sinai, New York, NY  
Jan 2014 – Dec 2014

Associate Adjunct Surgeon  
New York Eye and Ear Infirmary of Mount Sinai, New York, NY  
Jul 2013 – Present

Attending Glaucoma Surgeon  
Glaucoma Associates of New York, New York, NY  
Jul 2013 – Dec 2014

Director, Moise and Chella Safra Advanced Ocular Imaging Laboratory  
New York Eye and Ear Infirmary of Mount Sinai, New York, NY  
Nov 2011 – Dec 2014

Peter Crowley Research Scientist  
New York Eye and Ear Infirmary of Mount Sinai, New York, NY  
Jul 2011 – Dec 2014

Assistant Professor of Ophthalmology  
New York Medical College, Valhalla, NY  
Jul 2011 – Dec 2013

Flight Surgeon (Captain)  
Air Base Hospital, Seoul Airport, Republic of Korea Air Force, Seongnam, Gyeonggi-do, Korea  
Mar 2000 – Apr 2003

#### **MEDICAL EXPERTISE:**

Glaucoma, Cataract, Anterior Segment Diseases, Ocular Imaging, Perimetry, Minimally Invasive Ocular Surgery, Eye Disease Screening, Telemedicine

**POSTDOCTORAL FELLOWSHIP/RESIDENCY/INTERNSHIP:**

Research Glaucoma Fellowship

New York Eye and Ear Infirmary, New York, NY (Supervisor: Robert Ritch, M.D.)

Jul 2010 – Jun 2011

Clinical Glaucoma Fellowship

New York Eye and Ear Infirmary, New York, NY (Supervisor: Robert Ritch, M.D.)

Jul 2009 – Jun 2010

Clinical Glaucoma Fellowship

Samsung Medical Center, Seoul, Korea (Supervisor: Changwon Kee, M.D., Ph.D.)

Mar 2008 – Feb 2009

Ophthalmology Residency

Samsung Medical Center, Seoul, Korea

Mar 2004 – Feb 2008 (Chief Resident: Mar 2007 – Feb 2008)

(Visiting Resident, Department of Ophthalmology, Mayo Clinic, Rochester, MN: Jun 2007)

Internship

Seoul National University Hospital, Seoul, Korea

Mar 1999 – Feb 2000

**EDUCATION:**

Seoul National University College of Medicine, Seoul, Korea, M.D., Feb 1999

Seoul National University College of Natural Sciences, Seoul, Korea, Premedical Program, Feb 1994

**LICENSES AND CERTIFICATIONS:**

License to Practice Medicine and Surgery, New York State Board for Medicine, U.S.A.

Diplomate, Korean Board of Ophthalmology

License to Practice Medicine and Surgery, Ministry of Health and Welfare, Korea

**HONORS, AWARDS/GRANTS, AND DISTINCTIONS:**

1. College of Ophthalmologists of Hong Kong (COHK)–Hong Kong Ophthalmological Society (HKOS) Travel Grant, for the invited lecture “Lamina Cribrosa: a New Target for Glaucoma Diagnosis and Monitoring” The 2nd Asia-Pacific Glaucoma Congress, Hong Kong, People’s Republic of China, Sep, 2014 (\$1000)
2. Research grant from the Eye Bank of New York, Jun, 2014 (\$25,000)
3. The American Glaucoma Society Young Clinician-Scientist Award, “2-Dimensional and 3-Dimensional Morphological Characterization of Ex Vivo Normal and Glaucomatous Human Lamina Cribrosa Using Anterior Segment Enhanced-Depth Imaging Optical Coherence Tomography and Histopathologic Examination” Mar, 2014 (\$40,000)
4. Empire Clinical Research Investigator Program (ECRIP) Fellowship, New York State Department of Health, “Determining the earliest structure biomarker that predicts vision outcome and structure loss with acute optic nerve injury” 2014-2016 (Total \$1,197,766 for five fellows for 2 years)
5. Research grant from Moise and Chella Safra Foundation, “Project to Cure Exfoliation Syndrome” 2013-2018 (Total \$1,000,000 for 5 years)
6. Principal investigator (NYEEL), Multicenter Study for Normative Database of Optic Nerve, Retinal Nerve Fiber Layer, and Macula Parameters with the Spectralis OCT (Heidelberg Engineering, GmbH), Sep, 2013 (\$21,000)

7. The American Glaucoma Society Mentoring for Advancement of Physician-Scientists (MAPS) Award, "Regional differences in the deformation of the lamina cribrosa at different stages of glaucoma." Nov, 2012 (\$10,000)
8. Elected to a member of World Glaucoma Association Associate Advisory Board, June 2013 (for 5 years)
9. "Best Scientific Poster", for the poster presentation entitled "Acquired Pit of the Optic Nerve: Tip of the Iceberg," the American Academy of Ophthalmology (AAO) Annual Meeting, Orlando, FL, Oct 23, 2011
10. "World Glaucoma Congress Travel Grant" for the poster presentation entitled "Anterior Remedial Shunt from Failed Posterior Glaucoma Drainage Device Using a Miniature Glaucoma Implant," 2009 World Glaucoma Congress, Boston, MA, Jul 2009
11. "ARVO International Travel Grant", for the paper presentation entitled "Inter-eye Comparison of the Morphology of Lamina Cribrosa Pore and Optic Nerve Head in Unilateral Normal-Tension Glaucoma and Unilateral Primary Open-Angle Glaucoma," 2009 the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Fort Lauderdale, FL, May 6, 2009
12. "Young Clinician-Scientist Grant", Korean Ophthalmological Society, Ophthalmology Textbook Publishing Committee, Seoul, Korea, Apr 2009
13. "SNU College of Medicine Alumni Association Research Grant", Alumni Association of Seoul National University College of Medicine, Seoul, Korea, Feb 2009
14. "Resident of the Year Award", Department of Ophthalmology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, Feb 2008
15. "Best Resident Research Grant" for Visiting Residency Program (to Mayo Clinic, Rochester, MN), Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea, Jun 2007
16. "Best Ophthalmology Research Paper Award" for the presentation entitled "Comparison of the Morphology of Lamina Cribrosa Pores and Optic Cup between Unilateral Normal-Tension Glaucoma and Unilateral Primary Open-Angle Glaucoma," the 100<sup>th</sup> meeting of Korean Ophthalmological Society, Seoul, Korea, November 1, 2008.
17. "Best Ophthalmology Research Paper Award (Gubonsul Research Award)" for the presentation entitled "The Changes in the Muscle Fiber Size and the Composition of Myosin Heavy Chain Isoforms of Rabbit Extraocular Rectus Muscle after Recession Surgery," the 95<sup>th</sup> meeting of Korean Ophthalmological Society, Busan, Korea, Apr 2006
18. "Best Ophthalmology Research Poster Award", for the presentation entitled "The Significance of CD95 Expression in Various Human Retinal Pigment Epithelial Cells," the 93<sup>rd</sup> meeting of Korean Ophthalmological Society, Busan, Korea, Apr 2005
19. "Best Military Doctor Award," Chief of Staff, Republic of Korea Air Force, Yeongcheon, Korea, Apr 2000
20. Principal investigator of 7 ARVO Travel Grant-winning presentations
  - 1) Knights Templar Travel Grant: "Glaucoma Diagnostic Capability of Circumpapillary Retinal Nerve Fiber Layer Thickness in Circular Scans with Different Diameters," the 2015 ARVO Annual Meeting, Denver, CO, May 6, 2015.
  - 2) National Eye Institute Travel Grant: "Structure-Function Relationship in Optic Nerve Head Drusen," the 2013 ARVO Annual Meeting, Fort Lauderdale, FL, May 7, 2013.
  - 3) National Eye Institute Travel Grant: "Focal Lamina Cribrosa Defects and Glaucomatous Visual Field Progression," the 2012 ARVO Annual Meeting, Fort Lauderdale, FL, May 8, 2012.
  - 4) National Eye Institute Travel Grant: "Risk Factors for Focal Lamina Cribrosa Defects in Glaucoma," the 2012 ARVO Annual Meeting, Fort Lauderdale, FL, May 8, 2012.
  - 5) National Eye Institute Travel Grant: "Patterns of Parafoveal Scotoma Expansion in Glaucoma," the 2012 ARVO Annual Meeting, Fort Lauderdale, FL, May 6, 2012.
  - 6) National Eye Institute Travel Grant: "Dimensions of the Neural Canal at the Optic Nerve Head in Non-arteritic Ischemic Optic Neuropathy Compared to Normal Subjects," the 2012 ARVO Annual Meeting, Fort Lauderdale, FL, May 8, 2012.
  - 7) National Eye Institute Travel Grant: "Efficacy of The Amsler Grid Test in Evaluating Glaucomatous Central Visual Field Defects," the 2012 ARVO Annual Meeting, Fort Lauderdale, FL, May 6, 2012.

#### MEETINGS ORGANIZED:

1. Scientific Program Committee Member (Glaucoma Program Coordinator, Subspecialty Liaison), The 2016 World Ophthalmology Congress and the 32nd Pan-American Congress of Ophthalmology, Guadalajara, Mexico, Feb 5-9, 2016.

2. Scientific Program Committee Member (Glaucoma Program Coordinator), The 2014 World Ophthalmology Congress and 29<sup>th</sup> Asia Pacific Academy of Ophthalmology Congress, Tokyo, Japan, Apr 2-6, 2014.
3. Organizing Committee Member, The 20<sup>th</sup> Annual Glaucoma Foundation Optic Nerve Rescue and Restoration Think Tank (“Exfoliation Syndrome: What do we know and where do we need to go?”), New York, NY, Sep 20-21, 2013.
4. Scientific Program Committee Member (Asia Coordinator), The 28<sup>th</sup> Asia Pacific Academy of Ophthalmology Congress (Glaucoma Section), Hyderabad, India, Jan 17-20, 2013.
5. Organizing Committee Member, The 19<sup>th</sup> Annual Glaucoma Foundation Optic Nerve Rescue and Restoration Think Tank (“Exfoliation Syndrome: Gearing up for a Cure”), New York, NY, Sep 21-22, 2012.
6. Course Director, The 1<sup>st</sup> Annual New York Eye and Ear Infirmary Multidisciplinary Ocular Imaging Course. “Optimal Practices for Application of Current Ocular Imaging.” New York Eye and Ear Infirmary, NY, October 13, 2012.
7. Scientific Program Committee Member, The 27<sup>th</sup> Asia Pacific Academy of Ophthalmology Congress (Glaucoma Section), Busan, South Korea, Apr 13-16, 2012.
8. Organizing Committee Member, The 18<sup>th</sup> Annual Glaucoma Foundation Optic Nerve Rescue and Restoration Think Tank (“Glaucoma and the Central Nervous System”), New York, NY, Sep 16-17, 2011.

## MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

American Academy of Ophthalmology  
 World Glaucoma Association Associate Advisory Board  
 Association for Research in Vision and Ophthalmology  
 American Glaucoma Society  
 Ophthalmic Laser Surgical Society  
 New York Glaucoma Society  
 Korean Glaucoma Society  
 Korean Ophthalmological Society  
 Korean Medical Association

## PUBLICATIONS:

### Original Articles

1. **Park SC (corr. Author)**, Brumm J, Furlanetto RL, Netto C, Liu Y, Tello C, Liebmann JM, Ritch R. Lamina Cribrosa Depth in Different Stages of Glaucoma. *Invest Ophthalmol Vis Sci*. 2015. In press.
2. Faridi OS, **Park SC (co-first author & corr. author)**, Kabadi R, Su D, De Moraes CG, Liebmann JM, Ritch R. Effect of Focal Lamina Cribrosa Defect on Glaucomatous Visual Field Progression. *Ophthalmology*. 2014;121:1524-30.
3. Radcliffe NM, Smith SD, Syed ZA, **Park SC**, Ehrlich JR, De Moraes GV, Liebmann JM, Ritch R. Retinal Blood Vessel Positional Shifts and Glaucoma Progression. *Ophthalmology*. 2014;121:842-8.
4. **Park SC (corr. author)**, Hsu AT, Su D, Simonson JL, Al-Jumayli M, Liu Y, Liebmann JM, Ritch R. Factors Associated with Focal Lamina Cribrosa Defects in Glaucoma. *Invest Ophthalmol Vis Sci*. 2013;54:8401-7.
5. **Park SC (corr. author)**, Kung Y, Su D, Simonson JL, Furlanetto RL, Liebmann JM, Ritch R. Parafoveal scotoma progression in glaucoma: Humphrey 10-2 versus 24-2 visual field analysis. *Ophthalmology*. 2013;120:1546-50.
6. Furlanetto RL, **Park SC (corr. author)**, Damle UJ, Fernando Sieminski S, Kung Y, Siegal N, Liebmann JM, Ritch R. Posterior displacement of the lamina cribrosa in glaucoma: in vivo inter-individual and inter-eye comparisons. *Invest Ophthalmol Vis Sci*. 2013;54:4836-42.
7. Qayum S, Sullivan T, **Park SC (corr. author)**, Merchant K, Banik R, Liebmann JM, Ritch R. Structure and clinical significance of central optic disc pits. *Ophthalmology*. 2013;120:1415-22.
8. Merchant KY, Su D, **Park SC (corr. author)**, Qayum S, Banik R, Liebmann JM, Ritch R. Enhanced depth imaging optical coherence tomography of optic nerve head drusen. *Ophthalmology*. 2013;120:1409-14.
9. Mehta A, **Park SC (corr. Author)**, Liebmann JM, Ritch R. Arcuate scotoma associated with traction at the optic disc. *Eye*. 2013;27:572-4.

10. You JY, **Park SC (co-first author & corr. author)**, Su D, Teng CC, Liebmann JM, Ritch R. Focal Lamina Cribrosa Defect Associated with Glaucomatous Rim Thinning and Acquired Pits. *JAMA Ophthalmol.* 2013;131:314-20.
11. Mari JM, Strouthidis NG, **Park SC**, Girard MJA. Enhancement of Lamina Cribrosa Visibility in Optical Coherence Tomography Images using Adaptive Compensation. *Invest Ophthalmol Vis Sci.* 2013;54:2238-47.
12. De Moraes CG, Liebmann JM, **Park SC**, Teng CC, Nemiroff J, Tello C, Ritch R. Optic disc progression and rates of visual field change in treated glaucoma. *Acta Ophthalmol.* 2013;91:e86-91.
13. Su D, **Park SC (corr. author)**, Simonson JL, Liebmann JM, Ritch R. Progression pattern of initial parafoveal scotomas in glaucoma. *Ophthalmology.* 2013;120:520-7.
14. **Park SC (corr. author)**, Kiumehr S, Teng CC, Tello C, Liebmann JM, Ritch R. Horizontal central ridge of the lamina cribrosa and regional differences in laminar insertion in normal subjects. *Invest Ophthalmol Vis Sci.* 2012;53:1610-6.
15. Kiumehr S, **Park SC (co-first author & corr. author)**, Dorairaj S, Teng CC, Tello C, Liebmann JM, Ritch R. In vivo evaluation of focal lamina cribrosa defects in glaucoma. *Arch Ophthalmol.* 2012;130:552-9.
16. **Park SC (corr. author)**, De Moraes CG, Teng CC, Tello C, Liebmann JM, Ritch R. Enhanced depth imaging optical coherence tomography of deep optic nerve complex structures in glaucoma. *Ophthalmology.* 2012;119:3-9.
17. Kung Y, **Park SC (corr. author)**, Liebmann JM, Ritch R. Progressive synechial angle closure from an enlarging Soemmering's ring. *Arch Ophthalmol.* 2011;129:1631-2.
18. **Park SC (corr. author)**, De Moraes CG, Teng CC, Tello C, Liebmann JM, Ritch R. Initial parafoveal versus peripheral scotomas in glaucoma: risk factors and visual field characteristics. *Ophthalmology.* 2011;118:1782-9.
19. Kim HJ, Suh W, **Park SC**, Kim CY, Park KH, Kook MS, Kim YY, Kim CS, Park CK, Ki CS, Kee C. Mutation spectrum of CYP1B1 and MYOC genes in Korean patients with primary congenital glaucoma. *Mol Vis.* 2011;17:2093-101.
20. Kim MH, **Park SC**, Lee S, Kee C. Comparison of dietary patterns between glaucoma patients and normal control subjects. *J Korean Ophthalmol Soc.* 2011;52:216-21.
21. **Park SC**, De Moraes CGV, Tello C, Liebmann JM, Ritch R. In-vivo microstructural anatomy of  $\alpha$ -zone parapapillary atrophy in glaucoma. *Invest Ophthalmol Vis Sci.* 2010;51:6408-13.
22. **Park SC**, Chung ES, Chung TY, Kim SA, Oh SY. Axial growth and binocular function following bilateral lensectomy and scleral fixation of an intraocular lens in nontraumatic ectopia lentis. *Jpn J Ophthalmol.* 2010;54:232-8.
23. Suh W, **Park SC**, Kee C. Comparison of primary vascular dysregulation in normal tension glaucoma and primary open angle glaucoma. *J Korean Ophthalmol Soc.* 2010;51:393-400.
24. **Park SC**, Lee DH, Lee HJ, Kee C. Risk factors for normal-tension glaucoma among subgroups of patients. *Arch Ophthalmol.* 2009;127:1275-83.
25. **Park SC**, Kwun YK, Chung ES, Ahn K, Chung TY. Postoperative astigmatism and axis stability after implantation of the STAAR Toric Implantable Collamer Lens. *J Refract Surg.* 2009;25:403-9.
26. Chung TY, **Park SC**, Lee MO, Ahn K, Chung ES. Changes in iridocorneal angle structure and trabecular pigmentation with STAAR Implantable Collamer Lens during 2 years. *J Refract Surg.* 2009;25:251-8.
27. **Park SC**, Ham DI. Clinical features and prognosis of HLA-B27 positive and negative anterior uveitis in a Korean population. *J Korean Med Sci.* 2009;24:722-8.
28. **Park SC**, Kim YT, Kim SA, Oh SY. Changes in muscle fiber size and in the composition of myosin heavy chain isoforms of rabbit extraocular rectus muscle following recession surgery. *Jpn J Ophthalmol.* 2008;52:386-92.
29. **Park SC**, Kee C. The effect of age and gender on the intraocular pressure in Koreans: a cross-sectional study. *J Korean Ophthalmol Soc.* 2008;49:135-42.
30. Yim JH, **Park SC**, Kee C. Evaluation of ocular risk factors related to asymmetric visual field defects in normal-tension glaucoma. *J Korean Ophthalmol Soc.* 2008;49:1507-14.
31. Kang SW, **Park SC**, Cho HY, Kang JH. Triple therapy of vitrectomy, intravitreal triamcinolone, and macular laser photocoagulation for intractable diabetic macular edema. *Am J Ophthalmol.* 2007;144:878-85.
32. **Park SC**, Oh DE, Suh YL, Kim YD. Orbital chordoid meningioma: a rare subtype of meningioma. *Ophthal Plast Reconstr Surg.* 2007;23:246-8.
33. Lee HW, **Park SC**, Park DW, Chung TY, Chung ES. Comparative analysis of postoperative changes in higher order aberrations following LASIK and laser thermal keratoplasty. *J Refract Surg.* 2007;23:224-5.

34. **Park SC**, Kee C. Large diurnal variation of intraocular pressure despite maximal medical treatment in juvenile open angle glaucoma. *J Glaucoma*. 2007;16:164-8.

### Review Articles/Editorials

1. **Park SC (corr. author)**, Ritch R. Implications of new findings in the lamina cribrosa. *Expert Rev Ophthalmol*. 2013;8:401-3.
2. **Park SC**. In vivo evaluation of lamina cribrosa deformation in glaucoma. *J Glaucoma*. 2013;22 Suppl 5:S29-31.
3. **Park SC**. Proceedings of the 18th Annual Optic Nerve Rescue and Restoration Think Tank: "Glaucoma and the Central Nervous System" September 16-17, 2011 New York, NY, sponsored by The Glaucoma Foundation (TGF). Introduction. *J Glaucoma*. 2013;22 Suppl 5:S1.
4. **Park SC**, Su D, Tello C. Anti-VEGF therapy for the treatment of glaucoma: a focus on ranibizumab and bevacizumab. *Expert Opin Biol Ther*. 2012;12:1641-7.
5. Faridi O, **Park SC**, Liebmann JM, Ritch R. Glaucoma and obstructive sleep apnea syndrome. *Clin Experiment Ophthalmol*. 2012;40:408-19.
6. **Park SC (corr. author)**, Ritch R. High resolution in vivo imaging of the lamina cribrosa. *Saudi J Ophthalmol*. 2011;25:363-72.

### Correspondences

1. Kang SW, **Park SC**, Cho HY, Kang JH. Triple therapy of vitrectomy, intravitreal triamcinolone, and macular laser photocoagulation for intractable diabetic macular edema. Author Reply. *Am J Ophthalmol*. 2008;146:333.

### Book Chapters

1. **Park SC**, Ritch R. Resurrecting the failing filtering bleb. In: Bhartiya S, Shaarawy T, Mermoud A, ed. *Atlas of Glaucoma Surgery*. Tunbridge Wells, Kent, UK: Anshan Publishers; 2015. In press.
2. Tello C, **Park SC**, Ritch R. Are There Special Issues of Which I Should Be Aware Regarding Pigment Dispersion Syndrome or Pigmentary Glaucoma? In: Gedde SJ, Panarelli JF, Heuer DH, Lewis RA, ed. *Curbside Consultation in Glaucoma: 49 Clinical Questions*, 2<sup>nd</sup> Ed. Thorofare, NJ. SLACK Incorporated; 2015:107-110.
3. **Park SC**, Liebmann JM, Ritch R. Glaucoma in Myopia. In: Ohno-Matsui K, Spaide RF, Yannuzzi L, ed. *Pathological Myopia*. New York, NY. Springer Science+Business Media LLC; 2014:283-292.
4. **Park SC**, Tello C, Radcliffe N, Ritch R. Pigmentary Dispersion Syndrome and Glaucoma. In: Samples J, Schacknow P, ed. *Clinical Glaucoma Care: The Essentials*. New York, NY: Springer Science+Business Media LLC.; 2013:335-343.
5. **Park SC**, Dorairaj S, Liebmann JM, Ritch R. Anterior segment imaging. In: Rhee D, ed. *Wills Eye Institute Color Atlas and Synopsis of Clinical Ophthalmology: Glaucoma*. Philadelphia, PA: Lippincott Williams & Wilkins, Inc.; 2012:48-63.
6. Friedman D, Jonas J, Greenfield D, Goldberg I, and 18 contributors (**Park SC** et al.). Drug Delivery. In: Weinreb RN, Araie M, Susanna R, Goldberg I, Migdal C, Liebmann J, ed. *Medical Treatment of Glaucoma*. Amsterdam, The Netherlands: Kugler Publications.; 2010:157-164.

### Other Publications

1. **Park SC**. Expert Review on "Estimated trans-lamina cribrosa pressure difference versus intraocular pressure as biomarker for open-angle glaucoma. The Beijing Eye Study 2011. Jonas JB, Wang NL, Wang YX, et al. *Acta Ophthalmol*. 2015;93:e7-e13" in Editor's Selection, *International Glaucoma Review* 16-2, 2015. In press.
2. **Park SC**. Angle-Closure Glaucoma. *Audio-Digest Ophthalmology*. Volume 53, Issue 3, February 3, 2015.
3. Theodore Lyu, **Park SC**. How OCT helps monitor glaucoma progression. July 2014.
4. **Park SC**. The Potential of Anti-VEGF in Treating Glaucoma. *Ophthalmology Management*. December 2013.
5. **Park SC**. Anti-VEGF Therapy for the Treatment of Glaucoma. *Ophthalmology Times Europe*. April 2013.
6. **Park SC**, Liebmann JM. Expert Review on "Histology of the Parapapillary Region in High Myopia. Jonas JB et al. *Am J Ophthalmol*. 2011;152:1021-9." in Editor's Selection, *International Glaucoma Review* 13-3, Jul-Sep 2011:36.
7. **Park SC**, Tello C. Expert Opinion in the "Cataract Surgery Complex Case Management" section, *Cataract*

& Refractive Surgery Today, May 2011:23-25.

8. **Park SC**, Tello C. Expert Review on "In vivo analysis of conjunctiva in gold micro shunt implantation for glaucoma. Mastropasqua L et al. Br J Ophthalmol. 2010;94:1592-1596" in Editor's Selection, International Glaucoma Review 12-4, Oct-Dec 2010:186.
9. **Park SC**, Liebmann JM. Expert Review on "Peripapillary retinal nerve fibre layer thickness profile in subjects with myopia measured using the Stratus optical coherence tomography. Kim et al. Br J Ophthalmol. 2010;94:115-120" in Editor's Selection, International Glaucoma Review 12-1, Jan-Mar 2010:36.

## ORIGINAL PRESENTATIONS:

1. **Park SC**, Milman T, Mahadeshwar P, Chien J, Liebmann JM, Ritch R. Anterior Segment Enhanced-Depth Imaging Optical Coherence Tomography for Imaging the Lamina Cribrosa Ex Vivo. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 4, 2014.
2. Liu M, **Park SC**, Liu Y, Liebmann JM, Ritch R. Anterior Lamina Cribrosa Surface Depth as a Diagnostic Parameter for Glaucoma. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 7, 2014.
3. Skaat A, **Park SC**, Ren R, Liebmann JM, Ritch R. Pilocarpine Expands Schlemm's Canal in Normal Subjects. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 5, 2014.
4. Li P, **Park SC**, Huang G, Liebmann JM, Ritch R. Clinical Significance of a Third or Fourth Anti-Glaucoma Eye Drop. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 4, 2014.
5. Khalil M, **Park SC**, Li P, Teng CC, Liebmann JM, Ritch R. Clinical Optic Disc Findings Associated With Focal Lamina Cribrosa Defects in Glaucoma. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 4, 2014.
6. Fujitani K, **Park SC**, Su D, Simonson JL, Teng CC, Liebmann JM, Ritch R. Patient Perception of Glaucomatous Visual Field Loss Associated with Disease Severity. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 8, 2014.
7. Ren R, Teng CC, **Park SC**, Liu M, Lu L, De Moraes CGV, Liebmann JM, Ritch R. Factors Associated with Anterior Chamber Volume and Iris Volume in Pigment Dispersion Syndrome. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 4, 2014.
8. Teng CC, Ren R, Liu M, De Moraes CGV, Lu L, **Park SC**, Liebmann JM, Ritch R. Volumetric Assessment of the Cornea, Anterior Chamber and Iris using Swept-Source Optical Coherence Topography in Pigment Dispersion Syndrome and Normal eyes. The 2014 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Orlando, FL, May 4, 2014.
9. Ren R, **Park SC**, Furlanetto R, Netto CF, Liu Y, Liebmann JM, Ritch R. Parapapillary Retinoschisis Corresponding to Retinal Nerve Fiber Layer Defects in Glaucoma. The 24th American Glaucoma Society Annual Meeting, Washington, DC, Feb 28, 2014.
10. Chang PY, **Park SC**, Banik R. Enhanced Depth Imaging Optical Coherence Tomography Features Distinguishing Papilledema and Anomalous Optic Nerves. 2013 American Academy of Ophthalmology Annual Meeting, Chicago, IL, Nov 18-19, 2013.
11. Ren R, **Park SC**, Ho TY, Liu Y, Liebmann JM, Ritch R. Artifacts in Retinal Nerve Fiber Layer Thickness Measurement Using Spectral Domain Optical Coherence Tomography. 2013 American Academy of Ophthalmology Annual Meeting, Chicago, IL, Nov 16-17, 2013.
12. **Park SC**, Furlanetto RL, Netto CF, Liu Y, Kung Y, Fernando-Sieminski S, Liebmann JM, Ritch R. Posterior Lamina Cribrosa Displacement at Different Stages of Glaucoma. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 9, 2013.
13. Kirkland WA, **Park SC**, Furlanetto RL, Netto CF, Liu Y, Liebmann JM, Ritch R. In Vivo Dimensions of Schlemm's Canal and Number of Collector Channels in the Nasal and Temporal Areas of Normal Eyes. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 8, 2013.
14. Butt A, **Park SC**, Furlanetto RL, Kirkland WA, Netto CF, Al-Jumayli M, Liebmann JM, Ritch R. Enhanced Depth Imaging Optical Coherence Tomography of Trabecular Outflow Pathway. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 8, 2013.

15. Netto CF, **Park SC**, Kirkland WA, Furlanetto RL, Liu Y, Liebmann JM, Ritch R. In Vivo Structure of the Schlemm's Canal and the Collector Channels in Eyes with Chronic Angle-Closure Glaucoma Compared to Normal Eyes. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 8, 2013.
16. Muylaert SJ, **Park SC**, Furlanetto RL, Liu Y, Netto CF, Banik R, Liebmann JM, Ritch R. Structure-Function Relationship in Optic Nerve Head Drusen. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 7, 2013. **(ARVO National Eye Institute Travel Grant)**
17. Palmiero P, **Park SC**, Liu Y, Netto CF, Furlanetto RL, Al-Jumayli M, Liebmann JM, Ritch R. Spatial Relationship between Bruch's Membrane Opening and Lamina Cribrosa Determines Optic Disc Tilting. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 7, 2013.
18. Lee MD, Wielaard J, Acton JH, Boddu S, **Park SC**, Liebmann JM, Smith R. Mechanisms Underlying Frequency-Doubling Technology (FDT) in Glaucoma. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 7, 2013.
19. Strouthidis NG, Mari J, **Park SC**, Girard MJ. Enhancement of Lamina Cribrosa Visibility in Optical Coherence Tomography Images using Adaptive Compensation. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 6, 2013.
20. Liu Y, **Park SC**, Furlanetto RL, Netto CF, Damle UJ, Liebmann JM, Ritch R. Lamina Cribrosa Position and Superior Visual Field Loss in Glaucoma. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 6, 2013.
21. Damle UJ, **Park SC**, Furlanetto RL, Siegal N, Teng CC, Liebmann JM, Ritch R. Lamina Cribrosa Position and Age. The 2013 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Seattle, WA, May 5, 2013.
22. Netto CF, **Park SC**, Furlanetto RL, Girard MJA, Mari JM, Liebmann JM, Ritch R. In Vivo Evaluation of Peripheral Lamina Deformation in Glaucoma Using EDI OCT and Algorithms for Shadow Removal and Contrast Enhancement. The 23rd American Glaucoma Society Annual Meeting, San Francisco, CA, Mar 1, 2013.
23. Castillejos AR, De Moraes CG, **Park SC**, Liebmann JM, Ritch R. Identification and Classification of the Collector Channel System with In-Vivo High Definition Anterior Segment OCT. The 23rd American Glaucoma Society Annual Meeting, San Francisco, CA, Mar 1, 2013.
24. Rosenberg KI, **Park SC**, Furlanetto R, Banik R, Liebmann JM, Ritch R. Dimensions of the Neural Canal at the Optic Nerve Head in Non-arteritic Anterior Ischemic Optic Neuropathy Compared to Normal Subjects. 2013 Annual Meeting of North American Neuro-Ophthalmology Society, Snowbird, UT, February 9-14, 2013. **(Distinguished Poster Award)**
25. Sullivan T, **Park SC**, Su D, Banik R, Teng CC, Liebmann JM, Ritch R. Assessment of Optic Nerve Head Drusen (ONHD) Using Enhanced Depth Imaging Optical Coherence Tomography (EDI OCT). 2012 Annual Meeting of American Academy of Ophthalmology, Chicago, IL, November 11, 2012.
26. Rosenberg KI, **Park SC**, Su D, Banik R, Liebmann JM, Ritch R. Neural Canal Crowding at the Lamina Cribrosa in Non-arteritic Anterior Ischemic Optic Neuropathy (NAION). 2012 Annual Meeting of American Academy of Ophthalmology, Chicago, IL, November 11, 2012.
27. **Park SC**, Su D, Simonson JL, Liebmann JM, Ritch R. Detailed 3-Dimensional Structure of Focal Lamina Cribrosa Defects and Their Spatial Correspondence with Glaucomatous Optic Disc and Visual Field Damage. The 148<sup>th</sup> American Ophthalmological Society Annual Meeting, Charleston, SC, May 19, 2012.
28. Faridi OS, **Park SC**, Su D, Simonson J, Hsu AT, De Moraes CG, Teng C, Tello C, Liebmann JM, Ritch R. Focal Lamina Cribrosa Defects and Glaucomatous Visual Field Progression. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 8, 2012. **(ARVO National Eye Institute Travel Grant)**
29. Hsu AT, **Park SC**, Su D, Simonson JL, Teng C, Tello C, Liebmann JM, Ritch R. Risk Factors for Focal Lamina Cribrosa Defects in Glaucoma. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 8, 2012. **(ARVO National Eye Institute Travel Grant)**
30. Su D, **Park SC**, Simonson JL, De Moraes CG, Zhang X, Hood D, Liebmann JM, Ritch R. Patterns of Parafoveal Scotoma Expansion in Glaucoma. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 6, 2012. **(ARVO National Eye Institute Travel Grant)**



31. Rosenberg K, **Park SC**, Su D, Banik R, Liebmann JM, Ritch R. Dimensions of the Neural Canal at the Optic Nerve Head in Non-arteritic Ischemic Optic Neuropathy Compared to Normal Subjects. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 8, 2012. (**ARVO National Eye Institute Travel Grant**)
32. Greenberg A, Su D, Simonson J, **Park SC**, Tello C, Liebmann JM, Ritch R. Efficacy of The Amsler Grid Test in Evaluating Glaucomatous Central Visual Field Defects. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 6, 2012. (**ARVO National Eye Institute Travel Grant**)
33. **Park SC**, Su D, Simonson JL, Mehendale R, Teng C, Tello C, Liebmann JM, Ritch R. Focal Lamellar Defects are Spatially Correlated with Glaucomatous Optic Nerve Structural and Functional Damage. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 8, 2012.
34. Kung Y, **Park SC**, Simonson JL, Su D, De Moraes CG, Zhang X, Hood D, Liebmann JM, Ritch R. 10-2 Versus 24-2 Visual Field Progression Analysis in Glaucomatous Eyes with Initial Parafoveal Scotomata. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 6, 2012.
35. Mehendale R, **Park SC**, Simonson JL, Su D, Mehta A, Liebmann JM, Ritch R. Variability and Relationships of Lamina Cribrosa Size, Position and Depth in Normal Subjects. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 9, 2012.
36. Simonson JL, **Park SC**, Su D, De Moraes CG, Zhang X, Hood D, Liebmann JM, Ritch R. Glaucoma Severity Affects the Location and Rate of Progressing Paracentral Visual Field Points. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 6, 2012.
37. Sullivan T, **Park SC**, Qayum S, Banik R, Liebmann JM, Ritch R. Enhanced Depth Imaging Optical Coherence Tomography of Central Optic Disc Pits. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 9, 2012.
38. Castillejos AR, **Park SC**, De Moraes CG, Liebmann JM, Ritch R. In Vivo Identification and Classification of the Schlemm's Canal-Collector Channel Junctions in Normal Eyes Using Serial High Definition Anterior Segment Fourier-domain OCT. The 2012 Association for Research in Vision and Ophthalmology Annual Meeting (ARVO), Fort Lauderdale, FL, May 8, 2012.
39. **Park SC**, You JY, Su D, Teng CC, Liebmann JM, Ritch R. In Vivo Spatial and Dimensional Relationships between Beta-Zone Parapapillary Atrophy and the Peripapillary Cerebrospinal Fluid Space. The 22nd American Glaucoma Society Annual Meeting, New York, NY, March 2, 2012.
40. Su D, **Park SC**, Merchant K, Banik R, Teng CC, Liebmann JM, Ritch R. Assessment of Optic Nerve Head Drusen Using Enhanced Depth Imaging Optical Coherence Tomography. The 22nd American Glaucoma Society Annual Meeting, New York, NY, March 2, 2012.
41. You JY, **Park SC**, Kiumehr S, Teng CC, Liebmann JM, Ritch R. Acquired Pit of the Optic Nerve: Tip of the Iceberg. 2011 Annual Meeting of American Academy of Ophthalmology, Orlando, FL, October 23, 2011. (**Best Scientific Poster**)
42. **Park SC**, Kiumehr S, Dorairaj S, Teng CC, Tello C, Liebmann JM, Ritch R. In-vivo, 3-dimensional imaging of lamina cribrosa structures in normal and glaucoma subjects: new anatomic findings. 2011 World Glaucoma Congress, Paris, France, Jun 29-Jul 2, 2011.
43. **Park SC**, Kiumehr S, Dorairaj S, Teng CC, Tello C, Liebmann JM, Ritch R. In-vivo, 3-dimensional imaging of the lamina cribrosa horizontal central ridge in normals and lamina cribrosa deformation in glaucoma. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 3, 2011.
44. Kiumehr S, **Park SC**, Dorairaj S, Teng CC, Tello C, Liebmann JM, Ritch R. Spatial consistency between focal lamina cribrosa defects, retinal nerve fiber layer loss and glaucomatous visual field deficits. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 3, 2011.
45. Sripesma N, Dorairaj S, Ren R, **Park SC**, Landa G, Tai K, Sidoti PA, Rosen RB, Ritch R. Effect of  $\beta$ -zone parapapillary atrophy ( $\beta$  PPA) on retinal blood flow velocity in primary open-angle glaucoma (POAG) and exfoliative glaucoma (XFG). 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 3, 2011.
46. Nezgoda JT, **Park SC**, Kiumehr S, Teng CC, Tello C, Liebmann JM, Ritch R. Enhanced depth imaging optical coherence tomography of deep optic nerve complex structures in high myopia compared to low myopia. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 2, 2011.

47. Trubnik V, Ren R, Sripsema N, Dorairaj SK, De Moraes CG, Park SC, Teng C, Rosen RB, Tello C, Ritch. Comparison of Retinal Blood Flow Velocities in Normal Tension Glaucoma (NTG) and High Tension Glaucoma (HTG) using the Retinal Functional Imager (RFI). 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 3, 2011
48. De Moraes CG, **Park SC**, Teng CC, Tello C, Nemiroff J, Ritch R, Liebmann JM. Glaucomatous optic disc changes predict more rapid rates of visual field progression in treated patients. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2011.
49. Dorairaj S, **Park SC**, Kiumehr S, Teng CC, Tello C, Liebmann JM, Ritch R. Inter-eye comparison of the morphology and position of the lamina cribrosa in subjects with unilateral glaucomatous visual field loss. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2011.
50. Radcliffe NM, De Moraes GV, Syed ZA, Ehrlich JR, **Park SC**, Smith SD, Liebmann JM, Ritch R. Parapapillary retinal blood vessel movement is associated with progressive glaucoma. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2011.
51. Teng CC, De Moraes GV, **Park SC**, Tello C, Ritch R, Liebmann JM. Baseline CSLO optic nerve data and VF progression in treated glaucoma. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2011.
52. Nemiroff J, De Moraes CG, Teng CC, **Park SC**, Tello C, Ritch R, Liebmann JM. Inter-observer agreement in detecting glaucomatous progression using stereophotography. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2011.
53. Smith SD, Radcliffe NM, Syed ZA, De Moraes GV, **Park SC**, Liebmann JM, Ritch R. Detection of glaucoma progression by traditional and alternation flicker review of stereo disc photographs. 2011 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2011.
54. **Park SC**, De Moraes CGV, Teng CCW, Tello C, Liebmann JM, Ritch R. Enhanced depth imaging optical coherence tomography of deep optic nerve complex structures. The 21st American Glaucoma Society Annual Meeting, Dana Point, CA, Mar 5, 2011.
55. **Park SC**, De Moraes CGV, Teng CCW, Tello C, Liebmann JM, Ritch R. Risk factors for development and progression of initial visual field defect threatening fixation compared to initial nasal step in glaucoma. 2010 American Academy of Ophthalmology Annual Meeting, Chicago, IL, Oct 18-19, 2010.
56. Suh W, **Park SC**, Kook MS, Kim YY, Kim CY, Kim CS, Park KH, Park CK, Kim HJ, Ki CS, Kee C. CYP1B1 mutations in South Korean patients with primary congenital glaucoma: genotype vs. phenotype correlations. 2010 World Ophthalmology Congress, Berlin, Germany, Jun 2010.
57. **Park SC**, De Moraes CGV, Teng CC, Tello C, Liebmann JM, Ritch R. Nature and risk factors of initial glaucomatous visual field defect threatening fixation. 2010 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2010.
58. **Park SC**, De Moraes CGV, Tello C, Liebmann JM, Ritch R. Delta-zone parapapillary atrophy and the microstructural anatomy of the optic nerve complex. The 20th American Glaucoma Society Annual Meeting, Naples, FL, Mar 6, 2010.
59. **Park SC**, Maeng H, Ahn BH. Anterior remedial shunt from failed posterior glaucoma drainage device using a miniature glaucoma implant. The 3rd World Glaucoma Congress, Boston, MA, Jul 2009. (**WGC Travel Grant**)
60. **Park SC**, Jo SH, Lee HJ, Kee C. Inter-eye comparison of the morphology of lamina cribrosa pore and optic nerve head in unilateral normal-tension glaucoma and unilateral primary open-angle glaucoma. 2009 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 6, 2009. (**ARVO International Travel Grant**)
61. Suh W, **Park SC**, Kee C. Comparison of primary vascular dysregulation between normal-tension glaucoma and primary open-angle glaucoma. The 101st meeting of Korean Ophthalmological Society, Daejeon, Korea, Apr 18, 2009.
62. **Park SC**, Kim MH, Lee SH, Kee C. Comparison of dietary pattern among normal controls and patients with normal-tension or high-tension glaucoma. The 24th meeting of Korean Glaucoma Society, Seoul, Korea, Nov 22, 2008.
63. Cho SH, **Park SC**, Kee C. Comparison of the morphology of lamina cribrosa pores and optic cup between unilateral normal-tension glaucoma and unilateral primary open-angle glaucoma. The 100th meeting of Korean Ophthalmological Society, Seoul, Korea, Nov 1, 2008.
64. **Park SC**, Kim MH, Lee SH, Kee C. Effect of dietary pattern on the longitudinal change in intraocular pressure with age. The 100th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 31, 2008.

65. **Park SC**, Lee DH, Kee C. Different risk factors in subgroups of normal-tension glaucoma. 2008 SEAGIG/AACGC (South East Asia Glaucoma Interest Group/Asian Angle-Closure Glaucoma Club) Joint Congress, Seoul, Korea, Sep 25, 2008.
66. Lee HJ, **Park SC**, Kee C. Analysis of retinal nerve fiber layer in superior segmental optic hypoplasia. The 99th meeting of Korean Ophthalmological Society, Daegu, Korea, Apr 19, 2008.
67. **Park SC**, Ham DI. Clinical features and prognosis of HLA-B27 positive and negative anterior uveitis in a Korean population. The 98th meeting of Korean Ophthalmological Society, Seoul, Korea, Nov 3, 2007.
68. Lee MO, **Park SC**, Chung ES, Chung TY. The changes of iridocorneal angle structure and trabecular pigmentation after STAAR Implantable Collamer Lens Implantation. 2007 ARVO Annual Meeting, Fort Lauderdale, FL, May 10, 2007.
69. **Park SC**, Cho HY, Kang JH, Kang SW. Triple therapy of vitrectomy, intravitreal triamcinolone, and macular laser photocoagulation for intractable diabetic macular edema. The 97th meeting of Korean Ophthalmological Society, Busan, Korea, Apr 7, 2007.
70. Yim JH, **Park SC**, Kee C. Ultrasound biomicroscopic study of filtering blebs of trabeculectomy with biodegradable collagen matrix. The 97th meeting of Korean Ophthalmological Society, Busan, Korea, Apr 6-7, 2007.
71. Yim JH, **Park SC**, Kee C. The effect of biodegradable collagen matrix in trabeculectomy. The 97th meeting of Korean Ophthalmological Society, Busan, Korea, Apr 6-7, 2007.
72. **Park SC**, Sohn SS, Kee C. Adenovirus-mediated gene transfer of a heat-shock protein 72 into the human trabecular meshwork cells and the rat retinal ganglion cells. The 6th International Glaucoma Symposium, Athens, Greece, Mar 29, 2007.
73. **Park SC**, Kim YD, Hwang JM, Kee C. Long-term physiologic changes in the intraocular pressure with age in Korean: a cross-sectional and longitudinal analysis. 2006 American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, Nov 13, 2006.
74. Kwun YK, **Park SC**, Choi JH, Chung ES, Chung TY. Postoperative astigmatism and stability after Staar Toric Implantable Collamer Lens Implantation. The 96th meeting of Korean Ophthalmological Society, Seoul, Korea, Nov 3-5, 2006.
75. Yim JH, **Park SC**, Kee C. Clinical characteristics of normal tension glaucoma with asymmetric visual field defect. The 96th meeting of Korean Ophthalmological Society, Seoul, Korea, Nov 5, 2006.
76. **Park SC**, Kim YT, Lee JY, Oh SY. The changes of muscle fiber in size and in the composition of myosin heavy chain isoforms in global and orbital layers after extraocular muscles recession. 2006 Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Fort Lauderdale, FL, May 1, 2006.
77. **Park SC**, Kim YT, Lee JY, Oh SY. The changes in the muscle fiber size and the composition of myosin heavy chain isoforms of rabbit extraocular rectus muscle after recession surgery. The 95th meeting of Korean Ophthalmological Society, Busan, Korea, Apr 2006.
78. **Park SC**, Kee C. Long-term physiologic changes in the intraocular pressure with age in Korean: a cross-sectional and longitudinal analysis. The 94th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 8, 2005.
79. **Park SC**, Chung ES, Oh SY. Binocular vision in nontraumatic lens subluxation after lens removal and scleral fixation of intraocular lens. The 94th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 7, 2005.
80. **Park SC**, Park JS, Chung ES. The changes of iridocorneal angle structure and trabecular pigmentation after STAAR Implantable Collamer Lens (ICL) Implantation. The 94th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 9, 2005.
81. **Park SC**, Kee C. Long-term clinical outcome of surgical treatment on primary congenital glaucoma. The 94th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 9, 2005.
82. **Park SC**, Oh DE, Suh YL, Kim YD. Orbital chordoid meningioma: a rare subtype of meningioma. The 94th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 7-9, 2005.
83. Kim JC, **Park SC**, Kee C. Large diurnal variation of intraocular pressure despite maximal medical treatment in juvenile open angle glaucoma. The 94th meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 7-9, 2005.
84. **Park SC**, Ham DI. Production of recombinant human RPE65 antigen. The 93rd meeting of Korean Ophthalmological Society, Busan, Korea, Apr 2005.
85. **Park SC**, Ham DI. Clinical characteristics of HLA-B27-associated anterior uveitis. The 93rd meeting of Korean Ophthalmological Society, Busan, Korea, Apr 8-9, 2005.
86. **Park SC**, Ham DI. The significance of CD95 expression in various human retinal pigment epithelial cells.

- The 93rd meeting of Korean Ophthalmological Society, Busan, Korea, Apr 2005.
87. **Park SC**, Cho MK, Kee C. Effect of various steroids on the expression of myocilin and the morphology of trabecular meshwork cells. The 93rd meeting of Korean Ophthalmological Society, Busan, Korea, Apr 8-9, 2005.
  88. **Park SC**, Park JS, Chung ES. Comparison between Moria M2 single use 90 and 130 microkeratome heads in LASIK. The 93rd meeting of Korean Ophthalmological Society, Busan, Korea, Apr 9, 2005.
  89. **Park SC**, Chung SE, Chung ES. Combined deep lamellar endothelial keratoplasty, phacoemulsification and posterior chamber intraocular lens insertion. The 92nd meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 8-10, 2004.
  90. **Park SC**, Ham DI. Retinopathy in AIDS patients. The 92nd meeting of Korean Ophthalmological Society, Seoul, Korea, Oct 8-10, 2004.

#### INVITED / GUEST LECTURES:

1. Glaucoma as a Laminopathy: Linking Structure, Function and Progression in Glaucoma. Department of Ophthalmology Grand Round, Hofstra North Shore-LIJ School of Medicine, Hempstead, NY, Jan 21, 2015.
2. Exfoliation Syndrome and Pigmentary Glaucoma. Department of Ophthalmology, Columbia University Medical Center, Resident Lecture Series. New York, NY, Feb 5, 2015.
3. Improving Surgical Outcomes of Trabeculectomy. New York University School of Medicine, Ophthalmology, NYU AM conference series for residents. New York, NY, Jan 5, 2015.
4. Glaucoma as a Laminopathy: Linking Structure, Function and Progression in Glaucoma. Visiting Professor, Department of Ophthalmology Grand Round, Stony Brook School of Medicine, Stony Brook, NY, Nov 13, 2014.
5. 3D Analysis of Optic Nerve Head and Aqueous Outflow Pathway in Glaucoma. Stony Brook University Hospital, Stony Brook, NY, Nov 13, 2014.
6. Glaucoma as a Laminopathy. The 12th International Spectralis Symposium. Istanbul, Turkey Oct 11, 2014.
7. In-Vivo 3D Analysis of Optic Nerve Head. The 12th International Spectralis Symposium. Istanbul, Turkey Oct 10, 2014.
8. Lamina Cribrosa: A New Target for Diagnosis and Monitoring of Glaucoma. The 2nd Asia-Pacific Glaucoma Congress, Hong Kong, China, Sep 26, 2014.
9. Glaucoma as a Laminopathy: Linking Structure, Function and Progression in Glaucoma. Retina Update 2014. Sacramento, CA, Sep 14, 2014.
10. Superior Segmental Optic Hypoplasia and Patterns of Glaucomatous Visual Field Defects. Glaucoma 3M Conference. New York Eye and Ear Infirmary, New York, NY, September 10, 2014.
11. Postoperative Management of a Failed Bleb. Comprehensive Glaucoma Surgery Course for Residents, New York Eye and Ear Infirmary, New York, NY, July 12, 2014.
12. Glaucoma as a Laminopathy: Linking Structure, Function and Progression in Glaucoma. Visiting Professor, Department of Ophthalmology Grand Round, SUNY Upstate Medical University, Syracuse, NY, May 12, 2014.
13. The Optic Nerve Complex in Three Dimensions. 2014 World Ophthalmology Congress, Tokyo, Japan, Apr 2, 2014.
14. Glaucoma as a Laminopathy: Linking Structure, Function and Progression in Glaucoma. Visiting Professor, Harvard Glaucoma Joint Lab Meeting, Schepens Eye Research Institute, Boston, MA, Apr 16, 2014.
15. The Overlooked Importance of Optic Nerve Head Drusen. 2014 World Ophthalmology Congress, Tokyo, Japan, Apr 2, 2014.
16. Anterior segment imaging for glaucoma. New York Eye and Ear Infirmary, Ophthalmology, NYEEI AM conference series for residents. New York, NY, Feb 27, 2014.
17. 3-Dimensional Analysis of Optic Nerve Head and Aqueous Outflow Pathway in Glaucoma. Shape analysis of the optic nerve head meeting. Roosevelt Hospital, New York, NY, Feb 22, 2014.
18. Anterior segment imaging for glaucoma. New York University School of Medicine, Ophthalmology, NYU AM conference series for residents. New York, NY, Jan 6, 2014.
19. RNFL Thickness Measurement Using OCT: Pearls and Pitfalls. New York Eye and Ear Infirmary, Ophthalmology, Didactic Lecture Series for Glaucoma Fellows, New York, NY, Dec 18, 2013.
20. SD-OCT Examination of the Lamina Cribrosa. International Spectralis Symposium, New York, NY, Oct 19, 2013.
21. Future: SD-OCT high resolution in vivo imaging of the lamina cribrosa in glaucoma. The 31<sup>st</sup> Congress of

- the ESCRS (European Society of Cataract and Refractive Surgeons), Amsterdam, Netherlands, Oct 5, 2013.
22. Postoperative Management of a Failed Bleb. Comprehensive Glaucoma Surgery Course for Residents, New York Eye and Ear Infirmary, New York, NY, July 13, 2013.
  23. Lamina cribrosa deformation: cause or effect of glaucomatous retinal ganglion cell axonopathy? SIG (Special Interest Group) Meeting, 2013 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 6, 2013.
  24. Laser treatment for glaucoma. New York Eye and Ear Infirmary, Ophthalmology, NYEEI AM conference series for residents, New York, NY, Apr 1, 2013.
  25. EDI OCT-guided evaluation of the optic nerve complex. The 28th Asia Pacific Academy of Ophthalmology Congress, Hyderabad, India, Feb 19 2013.
  26. Laser treatment for glaucoma. New York University School of Medicine, Ophthalmology, NYU AM conference series for residents. New York, NY, Mar 4, 2013.
  27. RNFL Thickness Measurement Using OCT: Pearls and Pitfalls. 1st Annual NYEE Multidisciplinary Ocular Imaging Course "Shedding Light on Current Imaging Technology," New York, NY, Oct 13, 2012.
  28. Enhanced Depth Imaging OCT for Optic Nerve Complex Assessment. 1st Annual NYEE Multidisciplinary Ocular Imaging Course "Shedding Light on Current Imaging Technology," New York, NY, Oct 13, 2012.
  29. Postoperative Management of a Failed Bleb. Comprehensive Glaucoma Surgery Course for Residents, New York Eye and Ear Infirmary, New York, NY, July 21, 2012.
  30. Glaucoma: Present and Hope for the Future. The Glaucoma Support and Education Group, the Central New York Chapter of the Glaucoma Foundation. HealthLink/OASIS Learning Center, Syracuse, NY, June 2, 2012
  31. Initial Parafoveal Scotoma in Glaucoma: Risk Factors and Progression Pattern/Rate. Visiting Professor Lecture, Department of Ophthalmology, SUNY Upstate Medical University, Syracuse, NY, June 2, 2012
  32. Glaucoma: Present and Hope for the Future. The Glaucoma Support and Education Group, the New York City Chapter of the Glaucoma Foundation. The New York Eye and Ear Infirmary, New York, NY, May 26, 2012.
  33. Tilted Disc Syndrome. 2012 World Ophthalmology Congress, Abu Dhabi, United Arab Emirates, February 18, 2012.
  34. 3-D Structure of the Optic Nerve Head and Its Relation to Glaucoma Damage. 2012 World Ophthalmology Congress, Abu Dhabi, United Arab Emirates, February 16, 2012.
  35. The Optic Nerve Complex in 3 Dimensions. 2012 World Ophthalmology Congress, Abu Dhabi, United Arab Emirates, February 20, 2012.
  36. Structure and Biomechanics of the Lamina Cribrosa. 2012 World Ophthalmology Congress, Abu Dhabi, United Arab Emirates, February 19, 2012.
  37. Glaucoma and Trauma. New York University School of Medicine, Ophthalmology, NYU AM conference series for residents, New York, NY, Jan 9, 2012.
  38. Glaucoma and Trauma. New York Eye and Ear Infirmary, Ophthalmology, NYEEI AM conference series for residents, New York, NY, Dec 5, 2011.
  39. Structural and positional changes of the lamina cribrosa in glaucoma. 2011 International Society of Ritch Fellows Meeting, Orlando, FL, October 23, 2011.
  40. Management of glare and other problems with glaucoma conditions. The Glaucoma Support and Education Group, the New York City Chapter of the Glaucoma Foundation. The New York Eye and Ear Infirmary, New York, NY, Sep 24, 2011.
  41. Structural changes in the glaucomatous optic nerve: are all glaucomatous discs the same? The 18th Annual Glaucoma Foundation Optic Nerve Rescue and Restoration Think Tank, New York, NY, Sep 16, 2011.
  42. New discoveries about the optic nerve. The 18th Annual Glaucoma Foundation Optic Nerve Rescue and Restoration Think Tank, New York, NY, Sep 16, 2011.
  43. Systemic manifestations of exfoliation syndrome. 2011 World Glaucoma Congress, Paris, France, Jun 30, 2011.
  44. In vivo evaluation of lamina cribrosa deformation in glaucoma. The 88th meeting of the Ophthalmic Laser Surgical Society, New York, NY, May 19, 2011.
  45. Enhanced depth imaging SD-OCT of the optic nerve complex. The 26th Asia Pacific Academy of Ophthalmology Congress, Sydney, Australia, Mar 2011.
  46. SD-OCT Evaluation of lamina cribrosa: candidate parameters for progression. The 26th Asia Pacific Academy of Ophthalmology Congress, Sydney, Australia, Mar 2011.
  47. Management of a failed filter. New York University School of Medicine, Ophthalmology, NYU AM

- conference series for residents, New York, NY, Mar 7, 2011.
48. Management of a failed filter. New York Eye and Ear Infirmary, Ophthalmology, NYEEI AM conference series for residents, New York, NY, Feb 23, 2011.
  49. Enhanced depth imaging optical coherence tomography of the optic nerve complex. The 4th Annual Ophthalmic Symposium: Cutting Edge Topics in Eye Disease – Clinical and Research Aspects. King Abdulaziz University Faculty of Medicine, Jeddah, Saudi Arabia, Jan 20 & 22, 2011.
  50. Side effects and new thinking in glaucoma treatment. The Glaucoma Support and Education Group, the New York City Chapter of the Glaucoma Foundation. The New York Eye and Ear Infirmary, New York, NY, Nov 20, 2010.
  51. In-vivo microstructural anatomy of beta-zone parapapillary atrophy. The 25th Asia Pacific Academy of Ophthalmology Congress, Beijing, People's Republic of China, Sep 2010.
  52. Nanotheragnostics in normal-tension glaucoma. 2010 World Ophthalmology Congress, Berlin, Germany, Jun 2010.
  53. Nanotheragnostics in normal-tension glaucoma. SIG (Special Interest Group) Meeting, 2010 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 2, 2010.
  54. Laser treatment for glaucoma. New York University School of Medicine, Ophthalmology, NYU AM conference series for residents. New York, NY, Apr 26, 2010.
  55. Eye care needs and solutions in South Korea. The 7th Annual Global Health and Innovation Summit (presented by Unite for Sight), Yale University, New Haven, CT, Apr 18, 2010.
  56. Trabeculectomy and other glaucoma surgeries. The Glaucoma Support and Education Group, the New York City Chapter of the Glaucoma Foundation. The New York Eye and Ear Infirmary, New York, NY, Feb 20, 2010.
  57. Two Palestinian brothers with abnormal irides and congenital glaucoma. Manhattan Ophthalmology Society. New York, NY, Jan 25, 2010.
  58. Laser treatment for glaucoma and other eye conditions. The Glaucoma Support and Education Group, the New York City Chapter of the Glaucoma Foundation. The New York Eye and Ear Infirmary, New York, NY, Oct 17 2009.
  59. Different systemic risk factors among subgroups of normal-tension glaucoma. SIG (Special Interest Group) Meeting, 2009 Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 5, 2009.
  60. Future of glaucoma research. 2009 Glaucoma Fellows Meeting, Seoul, Korea, Oct 2009.
  61. Current practice pattern of normal-tension glaucoma in Korea. 2008 Glaucoma Fellows Meeting, Seoul, Korea, Oct 2008.
  62. Diurnal variation of intraocular pressure. Friday Seminar, Department of Ophthalmology, Seoul National University College of Medicine, Seoul, Korea, Jun 23, 2006.

#### EXPERT REVIEWER:

1. Investigative Ophthalmology & Visual Sciences (official journal of the Association for Research in Vision & Ophthalmology, USA)
2. Ophthalmology (official journal of the American Academy of Ophthalmology, USA)
3. JAMA Ophthalmology (Journal of the American Medical Association Network, USA)
4. American Journal of Ophthalmology (USA)
5. British Journal of Ophthalmology (British Medical Journal group, England, UK)
6. PLOS ONE (scientific journal published by the Public Library of Science, USA)
7. Journal of Glaucoma (official journal of the American Glaucoma Society, USA)
8. Molecular Vision (a journal on molecular and cell biology and genetics of the visual system, USA)
9. Canadian Journal of Ophthalmology (official journal of the Canadian Ophthalmological Society, Canada)
10. Yonsei Medical Journal (official journal of Yonsei University College of Medicine, South Korea)