

Curriculum Vitae

Sarkis H. Soukiasian, M.D.

Director: Vision Correction Center

Director: Cornea and External Diseases and
Ocular Immunology and Uveitis Services

Lahey Eye Institute
Department of Ophthalmology
Lahey Clinic

Chairman: IRB and Research Committee
Lahey Clinic

Associate Clinical Professor
Tufts University School of Medicine

Personal: Married. Wife Linda, 2 children-Deanna and Aram.

Education:

Undergraduate:

6/75		Watertown High School, Cum Laude
6/79	B.S. Chemistry	Tufts University, Magna Cum Laude
6/83	M.D.	Tufts University School of Medicine

Postdoctoral training:

7/83-6/84	Internship	Michael Reese Hospital and Medical Center/Univ of Chicago, Chicago, Ill
7/84-6/86	Residency	Michael Reese Hospital and Medical Center/Univ. of Chicago, Chicago, Ill
7/86-6/89	Residency	Tufts/New England Medical Center
	Ophthalmology	Boston,

Fellowships:

7/89-6/90	Ocular Immunology and Uveitis	Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA.
7/90-6/91	Cornea and External Diseases	Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA.

Certification:

7/84	National Board of Medical Examiners
9/86	American Board of Internal Medicine
5/91	American Board of Ophthalmology

Licensure:

Massachusetts	27500
Illinois	036-070439

Academic appointments:

7/88-6/89	Clinical Instructor	Ophthalmology	Tufts Medical School Boston, MA.
7/89-6/91	Clinical Instructor	Ophthalmology	Harvard Medical School Boston, MA
10/91-	Assistant Clinical Professor	Ophthalmology	Tufts Med School Boston, MA

Hospital appointments:

8/91-	Cornea and External Disease / Ocular Immunology and Uveitis	Ophthalmology	Lahey Clinic Medical Center, Burlington, MA
7/97 – 6/00	Staff	Ophthalmology Arlington, MA	Symms Medical Center.
4/94 -	Consultant in Uveitis	Ophthalmology	Fallon Clinic Worcester, MA
10/91-	Staff	Ophthalmology	New England Eye Center, Boston, MA
7/89-	Staff	Ophthalmology Ear Infirmary, Boston, MA.	Massachusetts Eye and

Honors and Awards:

6/79	Magna Cum Laude	Tufts University
6/86	Charles Preefer Award -Dept. of Ophthalmology	Tufts/New England Medical Center

Recognitions:

“Top Doctors” 2003 *Boston Magazine*

Committees:

Institutional Review Board (Lahey Clinic) -	Chairman	1997 – present
Research Committee (Lahey Clinic)	Chairman	2002- 2006
Global Outreach Program (Lahey Clinic)	Co-Chair	1995 – present
Ethics Committee		2004- present
Laser Safety Committee		1994-1996
Tufts University School of Medicine - Faculty Senate		1997 –1995

Boards

Scientific Advisory Board: Thermalvision Inc
Uveitis Advisory Board Allergan.
Board of Directors: St. James Armenian School (Vice Chair)
Board of Directors: Armenian Health Alliance

Professional Societies:

Association for Research and Vision in Ophthalmology
American Academy of Ophthalmology-Fellow
American Uveitis Society
American Medical Association
Eye Bank Association of America
Massachusetts Medical Society
Massachusetts Society of Eye Physicians and Surgeons
Ocular Microbiology and Immunology Group
Armenian American Medical Association- Past president

Research Interests:

1. Microbiology of the ocular surface with chronic ophthalmic therapy
2. Effect of punctal occlusion on the ocular microbial flora
3. Role of the cellular immune system (T cell receptor and cytokines) in ocular inflammatory disease.
4. Impact of ocular surgery on corneal sensation
5. Keratoconjunctivitis sicca in primary biliary cirrhosis

Visiting Professorship

Walter Reed Medical Center/ UAFI, Bethesda Maryland. Feb. 9, 2007

Bibliography:

Publications:

1. Ho J, Soukiasian S, Oh W, Snyderman D. Hemophilus Aphrophilus Osteomyelitis. *Am J Med* 76:159-161, 1984.
2. Soukiasian SH, Asdourian G, Weiss J. A complication of Alcohol Swabbed Tonometry Tips. *Am J Ophthalmol* 150:424-425, 1988.
3. Soukiasian SH, Foster CS, Niles JL, Raizman MB. Diagnostic value of anti-neutrophil cytoplasmic antibodies (ANCA) in scleritis associated with Wegener's granulomatosis. *Ophthalmol* 99:125-132, 1992.
4. Soukiasian SH, Lee SJ, Rice B, Foster CS. T cell receptor repertoire in normal and inflamed human conjunctiva. *Invest Ophthalmol Vis Sci* 33:453-459, 1992.
5. Soukiasian SH, Jakobiec FA, Niles JL, Pavan-Langston D. Trimethoprim-Sulfamethoxazole for scleritis associated with limited Wegener's granulomatosis: histopathology and Anti-neutrophil cytoplasmic Antibody (ANCA) test. *Use of Cornea* 12:174-180, 1993.
6. Jayarama S, Heiligenhaus A, Rodriguez A, Soukiasian SH, Dorf ME, Foster CS. Exacerbation of herpes virus-mediated stromal keratitis by Th2 type T cells. *Immunology* 151:5777, 1993.
7. Foster, C S, Rodrigues Garcia A R, Pedroza-Seres M, Berra A, Heiligenhaus A, Soukiasian S, Jayaraman S. Murine herpes simplex virus keratitis is accentuated by CD4+, Vβ8.2+ Th2 T cells. *Transactions of the American Ophthalmological Society* 141, 235-250, 1993.
8. Soukiasian SH, Foster CS, Raizman MB. Management strategies for scleritis and associated with inflammatory bowel disease. *Am J Ophthalmology* 118:601-611, 1994. uveitis
9. Glycoprotein D (5-23) specific Th2-T-cell line induces HSV-1 Keratitis. Heiligenhaus A, Jayarama S, Soukiasian S, Dorf M, Foster CS. *Ophthalmology* 1995;92:484.
10. Soukiasian, Sarkis H. Separating episcleritis, anterior scleritis. *Ophthalmology* 22:19; 6-8. Times,
11. Koo EY, Lindsey PS, Soukiasian SH. Bisecting a foldable acrylic intraocular lens for explantation. *J Cataract Refract Surg* 1996;22:1381.
12. Berrocal AM, Chen PC, Soukiasian SH. Ultrasound biomicroscopy of corneal hydrops in Terrien's marginal degeneration. *Ophthalmic Surg Lasers* 2002;33(3):228-30.
13. Azar DT, Scally A, Hannush SB, Soukiasian S, Terry M. Characteristic clinical findings and visual outcomes. *J Cataract Refract Surg*. 2003;29:2358-65.
14. Andeoli CM, Hatton M, Semple J, Soukiasian SH, Fay AM. Perilimbal Conjunctival Schwannoma. *Arch Ophthalmol* 2004;122: 388-9.

Book Reviews:

1. J. Refractive Surgery 18:94; 2002.

Manuscripts submitted:

1. Letko E, Nguyen QD, Soukiasian SH, Samson CN, Sangwan V, Harper ST, Shawkat M, Schuman J, Foster CS. Aqueous humor outflow facility in ocular cicatricial pemphigoid. *Am J. Ophthalmology*
2. Heiligenhaus A, Soukiasian SH, Berra A, Lee SJ, Foster CS. T-cell receptor V-beta segment usage in herpes stromal keratitis in mice. *J Immunology*.

Abstracts (Published):

1. Soukiasian SH, Snady-McCoy L, Lahav M. Natural anticoagulants in retinal vein occlusion. *Invest Ophthalmol Vis Sci* (Supplement), 3:477, 1989.
2. Soukiasian SH, Lee SJ, Rice B, Foster CS. Analysis of the T cell antigen receptor (TCR) expression in human conjunctiva. *Invest Ophthalmol Vis Sci* (Supplement), 31:33, 1990.
3. Soukiasian SH, Garcia AG, Foster CS. Prognostic value of preoperative conjunctival biopsy in clinically quiescent JRA patients. *Invest Ophthalmol Vis Sci* (Supplement), 32:673, 1991.
4. Soukiasian SH, Merchant A, Zhao TZ, Foster CS. Aqueous soluble interleukin-2 receptor (sIL-2R) in clinically quiescent uveitis. *Invest Ophthalmol Vis Sci* (Supplement), 32:677, 1991.
5. Soukiasian SH, Pankratov MM, Bowlds JH, Shapshay SM. Diode laser photothrombosis with indocyanine green dye enhancement for corneal neovascularization. *Invest Ophthalmol Vis Sci* (Supplement), 1992.
6. Soukiasian SH, Lindsey P, Kingma D, Navarro-Roman L, Jaffe ES: Immunosuppression associated angiocentric immunoproliferative lesion (AIL) with orbital

- involvement: Conjunctival histopathology and the implication of Epstein-Barr Virus in pathogenesis. *Invest Ophthalmol Vis Sci* (Supplement), 1994.
7. Lloyd-Mohamed R, Soukiasian SH. Prevailing patterns of topical antibiotic usage among New England Ophthalmologists, *Invest Ophthalmol Vis Sci* (Supplement), 1995.
8. Borisuth N, MacDonald S, Cotran P, Soukiasian SH. Nd:YAG Capsulotomy after Phacoemulsification and Extracapsular Cataract Extraction Surgery and Implantation with Acrylic, Silicone and PMMA Lenses.. *Invest Ophthalmol Vis Sci* (Supplement), 1998.
9. Soukiasian SH, Bhardwaj, Kwan CH. Ocular pathology in refractive surgery patients. *Invest Ophthalmol Vis Sci* (Supplement), 2002.
10. Soukiasian SH, Bhardwaj M. Effect of Brimonidine tartrate on pupil size and corneal sensation. *Invest Ophthalmol Vis Sci* (Supplement), 2003

Book chapters:

1. Soukiasian SH, Lahav M. "Arteiosclerosis" in *The Eye in Systemic Disease*, ed. Gold D, Weingeist T, J. B. Lippincott Company 1990.
2. Soukiasian SH, Foster CS. "Mooren's Ulcer" in *Diagnostic Problems in Clinical Ophthalmology*, ed. Margo CE, Mames RN, Hamed L. W. B. Saunders Company, 1992.
3. Soukiasian SH, Raizman MB. "Ocular toxicity of systemic Medications" in *Principles and Practice of Ophthalmology: Basic Sciences*, ed. Albert DM, Jacobiek FA. W. B. Saunders Company, 1994.
4. Soukiasian SH. "Wegener's Granulomatosis" in *Uveits*, ed Foster and Vitale, 2001
5. Soukiasian SH, Baum J. Bacterial Conjunctivitis, In *Cornea*, ed. Krachmer J, Mannis M., Holland E. Mosby-Year Book Inc., 1997, 2003.

Presentations:

1. Anterior Uveitis. Invited lecturer at the Tufts/Boston University Ophthalmology Lecture Series, Jan 1990.
2. Prognostic value of preoperative biopsy in clinically quiescent JRA patients. The Annual Ophthalmology Clinical and Scientific Meeting, Mass Eye and Ear Infirmiry, Boston, MA 1990.
3. Utility of histopathology and antineutrophil cytoplasmic antibodies in patients presenting with scleritis. Ocular Microbiology and Immunology Group. Twenty-fourth annual meeting, Atlanta GA, October 1990.
4. Anterior lenticonus and posterior polymorphous dystrophy in twins with Alports syndrome. Sixteenth annual scientific meeting of the Castroviejo Cornea Society, Atlanta GA, October 1990.
5. Diagnostic value of anti- neutrophil cytoplasmic antibodies (ANCA) in scleritis associated with Wegener's granulomatosis. American Academy of Ophthalmology Annual Meeting, Anaheim CA, November 1991.
6. T cell antigen receptor (TCR) expression in human conjunctiva. Cornea Research Conference, Eye Research Institute/Mass Eye and Ear Infirmiry, September, 1991.
7. Recent advances in the diagnosis and therapy of ocular inflammation associated with systemic inflammatory disease. Fifth Armenian Medical World Congress, Paris France, July 1992
8. Ocular cicatricial pemphigoid: Problem-oriented approach to maximizing diagnostic yield of immunopathology. American Association of Ophthalmic Pathologists- Annual meeting, Dallas Texas, November 1992.
9. Ocular manifestations of Systemic Lupus Erythematosus. Lions Club, Dighton, MA November 16, 1992.
10. Current concepts in ocular immunology: Therapeutic implications. Grand Rounds-Longwood Medical Affiliates, Brigham and Women's Hospital, February 26, 1993.
11. Ocular Manifestation of Systemic Rheumatic Disease: Topics in Internal Medicine Course, Lahey Clinic, May 15, 1993. 1993
12. ANCA and Sarcoidosis: Immunology grand rounds, Lahey Clinic, June 17, 1993.
13. Evaluation of Scleritis. New England Ophthalmological Society, Park Plaza Hotel, Boston, MA. September 17, 1993.
14. Paraneoplastic pemphigus: Immunology Grand Rounds, Lahey Clinic, October 19, 1993.
15. Evaluation of Microbial Keratitis. Cornea Rounds-Tufts New England Eye Center, Rounds, October 27, 1993.
16. Immunosuppression associated lymphoproliferative disorder with ocular involvement- Ocular Microbiology and Immunology Group, Chicago November, 1993
17. Immunological Diseases of the Cornea. First Annual International Eye Conference. Republican Eye Hospital. Yerevan Armenia. September 1994.
18. Ophthalmic Antibiotics: New England Ophthalmological Society, Hines Auditorium, Boston , MA, October 7, 1994.

19. Ocular manifestations of gastrointestinal disease. Gastroenterology grand rounds, November 17, 1994
20. The Red Eye. Lahey Clinic Residence Conference, Lahey Clinic. November 18, 1994.
21. Advances in the therapy of external ocular diseases. First Annual Lahey Eye Institute
22. Practical aspects of Corneal Topography. First Annual Lahey Eye Institute Advanced Technician Course. June 17, 1995
23. Practical aspects of Corneal Topography. First Annual Lahey Eye Institute Advanced Technician Course. June 17, 1995.
24. Practical Eye Care for the Internist. Symms Hospital Grand Rounds. June 27, 1995.
25. Pre-operative management of the uveitis patient. Invited speaker-New England Ophthalmological Society, Hines Auditorium, Boston, MA, December 1995
26. Post-operative management of the uveitis patient. Invited speaker-New England Ophthalmological Society, Hines Auditorium, Boston, MA, December 1995
27. Laser Surgery for Vision Correction. Symms Hospital Grand Rounds. December 10, 1996.
28. Corneal Culture Techniques. Ocular Immunology and Microbiology Group, San Francisco, October 1997.
29. Grand Rounds Tufts Jan 1997
30. Moderator: Drug Therapy. New England Ophthalmologic Society, Hines Auditorium, Boston, MA, May 5, 1998.
31. Bacterial Keratitis. New England Eye Center Education Conference. Boston MA October 15, 1998
32. Nd:YAG Capsulotomy after Acrylic, Silicone and PMMA lens Implantation. American Academy of Ophthalmology Annual Meeting New Orleans LA November 1998.
33. Syphilitic Uveitis. New England Ophthalmologic Society. Hines Auditorium, Boston. March 5, 1999.
34. Cataract Surgery and the Uveitis Patient. New England Ophthalmologic Society. John Hancock Convention Center, Boston October 8, 1999.
35. Lasik Enhancements "When to cut and when not". New England Ophthalmologic Society. John Hancock Convention Center, Boston May, 2000.
36. LASIK and Dry eye. Cape Cod Odessa, Brewster, MA, August 4, 2001
37. Intravitreal triamcinolone for uveitic CME. American Uveitis Society. New Orleans, Louisiana. November 13, 2001
38. Decoding the Uveitis work up. Why, What and When. American Academy of Ophthalmology Course. Senior Instructor. New Orleans, Louisiana. November 13, 2001
39. Decoding the Uveitis work up. Why, What and When. American Academy of Ophthalmology Course. Senior Instructor. Orlando, Florida. November, 2002
40. Chronic conjunctivitis. Nantucket Cornea Meeting. Nantucket, MA July 2003
41. The Microbial Flora of Explanted Punctal Plugs. Ocular Microbiology and Immunology Group Meeting. Anaheim, CA. Nov 15, 2003
42. Microbiology of Explanted Punctal Plugs. American Academy of Ophthalmology Annual Meeting, Anaheim, CA, November 2003
43. Delayed appearance and consequences of retained nuclear fragments after uneventful phacoemulsification *A. Bagga*, *S.H. Soukiasian*, *P.R. Cotran*, *P.K. Speert*. ARVO Annual Meeting, Ft. Lauderdale FL Sunday April 25, 2004
44. Microbiology of Explanted Punctal Plugs *S.H. Soukiasian* ARVO Annual Meeting, Ft. Lauderdale FL Sunday April 29, 2004
45. Kevin Hill Course Colby College, July 2004
46. Kevin Hill Course Colby College, July 2004
47. Kevin Hill Course Colby College, July 2004
48. "Uveitis" American Society of Ophthalmic Registered Nurses. First Annual Subspecialty Day. New Orleans, LA October, 23, 2004.
49. Decoding the Uveitis work up. Why, What and When. American Academy of Ophthalmology Course. Senior Instructor. New Orleans, Louisiana. October 26, 2004
50. Review of immunomodulatory and immunosuppressive agents used in uveitis and inflammatory eye disease.. Senior Instructor, Chicago, IL, October 18, 2005
51. Decoding the Uveitis work up. Why, What and When. American Academy of Ophthalmology Course. Senior Instructor. Senior Instructor, Chicago, IL, October 17, 2005
52. The ocular microflora in patients with silicone punctal plugs. Poster Presentation. American Academy of Ophthalmology. , Chicago, IL, October 17, 2005
53. Decoding the Uveitis work up. Why, What and When. American Academy of Ophthalmology Course. Senior Instructor. Senior Instructor, Las Vegas, NV, November 13, 2006
54. Review of immunomodulatory and immunosuppressive agents used in uveitis and inflammatory eye disease. Senior Instructor, Las Vegas, NV, November 12, 2006
55. Human Studies Regulations: Ethical Principles and Practical Applications Las Vegas, NV, November 14, 2006

Journal Reviewer

American Journal of Ophthalmology
Archives of Ophthalmology
Investigative Ophthalmology and Visual Science
Lasers and Surgery in Ophthalmology
Ocular Immunology and Inflammation
Seminars in Ophthalmology

Volunteer/Missionary

- 1) Rural El Salvador: February 1992- Eye campaign in Santa Ana
- 2) Rural El Salvador: January 1993- Eye campaign in Santa Ana,
First corneal transplant in Santa Ana
- 3) Rural El Salvador: January 1994- Eye campaign in Santa Ana,
- 4) Republic of Armenia: September 1992- First Municipal Hospital- Medical and
Surgical therapy of war injured civilians
- 5) Republic of Armenia: September 1993- First Municipal Hospital- Medical and
Surgical therapy of war injured soldiers and civilians
- 6) Republic of Armenia: September 1994- First Municipal Hospital- Medical and Surgical therapy of war
injured soldiers and civilians.
- 7) Republic of Armenia: September 1995- First Municipal Hospital- Medical and Surgical therapy of war
injured soldiers and civilians.
- 8) Republic of Armenia: October 2000- First Municipal Hospital- Medical and Surgical
therapy with Armenian Eye Care Project.