

Seong Young Lee

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CURRENT POSITION

Staff Vitreoretinal Surgeon

West Texas Retina Consultants, PA

5441 Health Center Drive

Abilene, Texas 79606 (2004-present)

Staff Investigator

Retina Research Institute of Texas

Abilene, Texas 79606 (2004-present)

EDUCATION

Fellowship	University of Texas Southwestern Medical School at Dallas Dallas, Texas (2002-2004) Retina
Residency	Medical College of Georgia Augusta, Georgia (1999-2002) Ophthalmology
Internship	Baylor College of Medicine Houston, Texas (1998-1999) Internal Medicine
Medical Degree	University of Texas Southwestern Medical School at Dallas Dallas, Texas (1994-1998)
College	Rice University Houston, Texas (1990-1994) B.A. in Biochemistry

HONORS & AWARDS

MCG Ophthalmology Resident Research Award, 2001
Honors in Ophthalmology and Psychiatry Clerkships, 1996-1997
Southwestern Medical Foundation Scholarship for Academic Achievement, 1994-1995
Phi Lambda Upsilon (National Chemical Honor Society), 1994
Rice Class of 1930 Scholarship (Tuition merit scholarship), 1993
Rice University President's Honor Roll, 1990-1994
National Merit Scholarship, 1990-1994
YMCA/King Foundation College Scholarship, 1990-1994
Dallas Morning News/Dallas Mavericks College Scholarship, 1990
National Leadership and Service Award, 1990

Valedictorian, Jesuit College Preparatory School of Dallas, 1990

RESEARCH

Primary Investigator, Genentech FVF4166g CRUISE, “A phase III, Multicenter, randomized, sham injection-controlled study of the efficacy and safety of ranibizumab injection compared with sham in subjects with macular edema secondary to central retinal vein occlusion.” April 2007-Present

Primary Investigator, Allergan 206207-012-00, “A 52-week, masked, multicenter, randomized, controlled trial (with up to 13 weeks additional follow-up) to assess the safety and efficacy of 700µg dexamethasone posterior segment drug delivery system (DEX PS DDS) applicator system in combination with laser photocoagulation compared with laser photocoagulation alone in the treatment of subjects with diffuse diabetic macular edema (DME).” April 2007-Present

Primary Investigator, Genentech FVF4165g BRAVO, “ A phase III multicenter, randomized, sham injection-controlled study of the efficacy and safety of ranibizumab injection compared with sham in subjects with macular edema secondary to branch retinal vein occlusion.” April 2007-Present

Sub-Investigator, Genentech FVF4168g RIDE, “ A phase III, double-masked, multicenter, randomized, sham-controlled study of the efficacy and safety of ranibizumab injection in subjects with clinically significant macular edema with center involvement secondary to diabetes mellitus.” Primary Investigator: Sunil Patel, MD, PhD. April 2007-Present

Sub-Investigator, Allergan SIRIUS, “ A 2- year, Multicenter, randomized, controlled, masked, dose-finding trial to assess the safety and efficacy of multiple intravitreal injections of AGN 211745 in patients with subfoveal choroidal neovascularization secondary to age-related macular degeneration”
Primary Investigator: Sunil Patel, MD, PhD. April 2007-Present

Sub-Investigator, Eyetech 1023, “A phase IV, multi-center trial of maintenance intravitreal injections of Macugen®(Pegaptanib Sodium) given every 6 weeks for 48 weeks in subjects with subfoveal neovascular age-related macular degeneration (AMD) initially treated with modality resulting in maculopathy improvement.” Primary Investigator: Sunil Patel, MD, PhD. June 2006-Present

Sub-Investigator, Alimera Sciences C01-05-001, “A randomized, double-masked, parallel group, multicenter, dose-finding comparison of the safety and efficacy of ASI-001A 0.5µg/day and ASI-001B 0.2µg/day Fluocinolone Acetonide intravitreal inserts to sham injection in subjects with diabetic macular edema.”
Primary Investigator: Sunil Patel, MD, PhD. April 2006-Present

Primary Investigator, Allergan 206207-009-01, “A six-month, phase III, multicenter, masked randomized, sham-controlled trial (with six-month open label extension) to

assess the safety and efficacy of 700µg and 350µg dexamethasone Posterior segment drug delivery system (DEX PS DDS) applicator system in the treatment of patients with macular edema following central retinal vein occlusion or branch retinal vein occlusion.”
Sub-Investigator: Sunil Patel, MD, PhD. February 2006-Present

Primary Investigator, ALCON C0418 “Clinical evaluation of the safety of Next Generation Ophthalmic Irrigating Solution Compared to BSS Plus for use During Surgery for removal of epimacular membrane and virectomy.”
Sub-Investigator: Sunil Patel, MD, PhD. February 2006-present.

Sub-Investigator, EYETECH EOP1013,” A phase 2/3, randomized, controlled, double-masked, multi-center, comparative dose-finding trial in parallel groups, to compare the safety and efficacy of intravitreal injections of 0.3, 0.03, 0.003mg Macugen, given as often as every 6 weeks for 3 years, to sham injections, in subjects with Diabetic Macular Edema involving the center of the macula.” Primary Investigator: Sunil Patel, MD, PhD. September 2005-present.

Sub-Investigator, ALCON C0459, “Anecortave Acetate 15mg administered every 3 months versus Anecortave Acetate 15mg administered every 6 months versus Anecortave Acetate 30mg administered every 6 months in patients with exudative age-related macular degeneration.” Primary Investigator: Sunil Patel, MD, PhD.
May 2005-present.

Sub-Investigator EYETECH EOP1012, “A phase 3B/4, randomized, active-controlled, double masked, single dummy, multi-center comparative trial, in parallel groups, to compare the safety and efficacy of intravitreal injections of Macugen given every 6 weeks for up to 102 weeks plus sham Photodynamic Therapy to Macugen plus PDT with Visudyne, in subjects with predominantly classic subfoveal choroidal neovascularization secondary to age-related macular degeneration.” Primary Investigator: Sunil Patel, MD, PhD. March 2005-present.

Primary Investigator, Genaera Corporation MSI-1256F-208. “A Phase 2, Multi-center, Randomized, Controlled, Masked Study of the Effects of Squalamine Lactate in Combination with Visudyne in Patients with Subfoveal Choroidal Neovascularization Associated with Age-Related Macular Degeneration.”
Sub-Investigator: Sunil Patel, MD, PhD. December 2004-2005.

Sub-Investigator, DRRCR Protocol B, “ A randomized trial comparing intravitreal triamcinolone acetonide and laser photocoagulation for DME.”
Primary Investigator: Sunil Patel, MD, PhD. September 2004-Present

Primary Investigator, Genaera Corporation MSI-1256F-209. “A Phase 2, Multi-center, Randomized, Masked, Controlled Study of the MSI-1256F (Squalamine Lactate) for Treatment of Subfoveal Choroidal Neovascularization Associated with Age-Related Macular Degeneration.” Sub-Investigator: Sunil Patel, MD, PhD.
December 2004-2005.

Sub-Investigator, Diabetic Retinopathy Clinical Research Network. “A Randomized Trial Comparing Intravitreal Corticosteroids and Laser Photocoagulation for Diabetic Macular Edema.” Primary Investigator: Sunil Patel, MD, PhD. August 2004-present.

Sub-Investigator, Eyetech EOP1011B. “A Phase II randomized, dose-ranging, double-masked, multi-center trial, in parallel groups, to determine the safety, efficacy and pharmacokinetics of intravitreal injections of pegaptanib sodium compared to sham injection for 30 weeks in patients with recent vision loss due to macular edema secondary to CRVO.” Primary Investigator: Sunil Patel, MD, PhD. August 2004-2005.

Sub-Investigator, The Standard Care vs. Corticosteroid for Retina Vein Occlusion (SCORE) Study. “Two Randomized Trials to Compare the Efficacy and Safety of Intravitreal Injections of Triamcinolone Acetonide with Standard Care to Treat Macular Edema: One for Central Retinal Vein Occlusion and One for Branch Retinal Vein Occlusion.” Primary Investigator: Sunil Patel, MD, PhD. August 2004- present.

Sub-Investigator, Anecortave Acetate Risk-Reduction Trial (AART) C-02-60. “Multicenter, double-masked, randomized, parallel groups clinical trial to demonstrate that Anecortave Acetate is safe and effective versus sham in arresting the progression of non-exudative AMD in patients who are at-risk for progressing to exudative AMD.” Primary investigator: Sunil Patel, MD, PhD. August 2004-present.

Sub-Investigator, Anecortave Acetate Risk-Reduction Trial (AART) C-02-60. “Multicenter, double-masked, randomized, parallel groups clinical trial to demonstrate that Anecortave Acetate is safe and effective versus sham in arresting the progression of non-exudative AMD in patients who are at-risk for progressing to exudative AMD.” Primary investigator: Yu-Guang He, MD. University of Texas Southwestern Medical Center, Dallas, Texas. January-July 2004.

Sub-Investigator, Anecortave Acetate Posterior Juxtapapillary Injection Protocol Number C-01-99. “Multicenter clinical trial to evaluate the safety and efficacy of Anecortave Acetate in maintaining vision in patients with wet AMD as compared to the effectiveness of treatment with Visudyne PDT. “ Primary investigator: Yu-Guang He, MD. University of Texas Southwestern Medical Center, Dallas, Texas. 2003.

Co-Investigator and author of “Multimodality Transpupillary Thermotherapy and Radiotherapy of Choroidal Neovascular Membranes in Age-Related Macular Degeneration: A Phase I Safety Study.” Clinical study to examine the safety of laser thermotherapy and external beam irradiation in the treatment of choroidal neovascular membranes in age-related macular degeneration. Co-investigator: Dennis M. Marcus, MD. Medical College of Georgia, Augusta, Georgia. July 2000-2002.

Research Assistant. Examined the role of preoperative levels of alpha₂-antiplasmin in identifying patients at increased risk for bleeding during different cardiac surgical

procedures. Primary Investigator: Charles Whitten, MD. Department of Anesthesiology, University of Texas Southwestern Medical School, Dallas, Texas. 1995.

Research Assistant. Analyzed changes in cardiac contractile function during hemorrhagic shock and attempted resuscitation. Primary investigator: Dan Meyer, MD. Department of Thoracic and Cardiovascular Surgery, University of Texas Southwestern Medical School, Dallas, Texas. 1992-1994.

PUBLICATIONS

S.Y.Lee and K.T Mitchell, "Current Options for Retinal Detachment Repair." Focal Points Clinical Module, in process, 2007.

S.Y. Lee, P. Jagannathan, A.O. Edwards. "Retinal Pigment Epithelial Rip Following Intravitreal Triamcinolone Acetonide for Exudative Age-Related Macular Degeneration." Submitted for publication June, 2003.

C. Whitten, P. Greilich, D. Young, R. Ivy, S.Y. Lee, P. Allison. "Do Preoperative Levels of Alpha₂-Antiplasmin Vary for Different Cardiac Surgical Procedures?" *American Society of Anesthesiologists: 1997 Abstracts*.

D.M. Meyer, M.E. Jessen, R.Y. Chao, C. Barak, S.Y. Lee. "Recovery of Right Ventricular Function after Severe Hemorrhagic Shock – Resuscitation Using Extracorporeal Assisted Circulation." *Shock*, Supplement 1:8, 1994.

D.M. Meyer, M.E. Jessen, R.Y. Chao, C. Barak, S.Y.Lee. "Effects of Extracorporeal Assisted Circulation on Recovery from Shock." *Circulatory Shock*, Supplement 2: 10, 1993.

BOOK CHAPTER

W.C. Sheils, S.Y. Lee, D.M. Marcus. "Radiation Therapy for Age-Related Macular Degeneration." in *Age-Related Macular Degeneration: Current Treatment Concepts*, edited by W.E. Alberti, G. Richard, R.H. Sagerman. Pp. 189-198. New York: Springer-Verlag, 2000.

PRESENTATIONS

S.Y. Lee, B. Wall, S.B. McIntosh, C.N. Samy, W.C. Sheils, D.M. Marcus. "Laser Photocoagulation With Adjuvant External Beam Irradiation For Non-Foveal Classic Choroidal Neovascular Membranes in Age Related Macular Degeneration." ARVO Annual Meeting, Fort Lauderdale, Florida, 2001.

S.Y. Lee, W.C. Sheils, J. Redd, C.N. Samy, D. M. Marcus. "Multimodality Transpupillary Thermotherapy and Radiotherapy of Choroidal Neovascular Membranes

in Age-Related Macular Degeneration: A Phase I Safety Study.” ARVO Annual Meeting, Fort Lauderdale, Florida, 2002.

CERTIFICATION

Diplomate of the American Board of Ophthalmology (Board certified May 2004)

LICENSE

Texas, #K7796, 1999 to present

PROFESSIONAL ORGANIZATIONS

American Academy of Ophthalmology
Texas Ophthalmological Association
American Society of Cataract and Refractive Surgery