

# **Maziar Lalezary, M.D.**

## *CURRICULUM VITAE*

Current Address: 36949 Cook St, Suite 101, Palm Desert CA 92211  
Office Phone: 760.340.2394  
Email: MLalezary@DesertRetina.com

### **EMPLOYMENT:**

2012-Present Southern California Desert Retina Consultants, Vitreo-Retinal Surgeon

### **EDUCATION:**

2010-2012 Vitreo-Retinal Surgical Fellowship, Vanderbilt Eye Institute, Nashville, TN  
2007-2010 Ophthalmology Residency, Vanderbilt Eye Institute, Nashville, TN  
2006-2007 Transitional Internship, Harbor-UCLA County Hospital, Los Angeles, CA  
2002-2006 Doctor of Medicine, UC San Diego School of Medicine, La Jolla, CA  
1998-2002 Bachelor of Science (*Summa Cum Laude*), Neuroscience (Honors), UCLA

### **HONORS/ACHIEVEMENTS:**

2011 Gass Fellowship Award, Vanderbilt Eye Institute  
2010 Resident Research Paper Award, Vanderbilt Eye Institute  
2010 Advocacy Ambassador to AAO Mid-Year Forum  
2008 Outstanding Oculoplastics Resident Award, Vanderbilt Eye Institute  
2006 ARVO/NEI Travel Grant Recipient  
2006 UCSD School of Medicine, 3 Clinical and 5 Course Honors  
2005 Medical Spanish Certificate of Proficiency, UCSD  
2003 National Institute of Health (NIH) Summer Research Fellowship Grant  
2003 Persian-American Alavi Scholarship, Alavi Foundation of New York  
2002 Graduation Honors and Research Thesis, UCLA Department of Neuroscience  
2002 Graduation Honors, UCLA College of Letters and Science  
2002 Phi Beta Kappa Society  
2002 Mortar Board National Senior Honor Society, Chairperson  
2002 Golden Key National Honor Society, Advisory Board Member  
2002 National Dean's List, Inductee/published biography  
2001 Neuroscience Undergraduate Society, Co-Founder/Chairperson

### **LANGUAGES:**

English

Farsi (Native language)

Spanish (Medical Spanish Certificate of Proficiency, UCSD 2005)

## **LICENSURE/CERTIFICATIONS:**

2012-Present	Diplomate of the American Board of Ophthalmology
2012-Present	California Medical License
2010-Present	Drug Enforcement Administration (DEA) Registration
2010-2012	Tennessee Medical License (Retired)
2006-Present	Basic Life Support Certification

## **ACTIVITIES/LEADERSHIP:**

2011-Present	American Society of Retinal Surgeons, member/meeting participant, film committee member/judge (2013)
2006-Present April, 2010	American Academy of Ophthalmology, member/meeting participant Representative of TNAO and Vanderbilt Eye Institute as Advocacy Ambassador at AAO Mid-Year Forum
2007-2012	Tennessee Academy of Ophthalmology (TNAO), Young Ophthalmologist Section, Representative (2009), Co-Chair (Current)
2007-2012	Tennessee Medical Association, member; Nashville Academy of Ophthalmology, active member; Nashville Academy of Medicine, member
2003-2006	UCSD Student-Run Free Clinic Project, Baker Elementary School
2004-2005	Doctors Ought to Care (DOC), Alcohol Program Coordinator; Doctors Ought to Care (DOC), Tobacco Program Participant

## **CURRENT RESEARCH:**

**Principal Investigator: PREVENT:** Prophylactic Ranibizumab for Exudative age-related macular degeneration (AMD) in Vulnerable Eyes with Nonexudative AMD Trial. A multicenter, randomized, single-masked, controlled, investigator sponsored Phase I/II study of subjects with high-risk nonexudative AMD treated with quarterly intravitreal ranibizumab for prophylaxis of exudative AMD.

**Sub-Investigator: DRCR Protocol T:** A Comparative Effectiveness Study of Intravitreal Aflibercept, Bevacizumab, and Ranibizumab for Diabetic Macular Edema conducted by the Diabetic Retinopathy Clinical Research Network (DRCRnet). National Eye Institute (NEI), National Institutes of Health (NIH), Department of Health and Human Services.

**Sub-Investigator: The Safety and Efficacy Assessment Treatment Trials of Emixustat Hydrochloride (S.E.A.T.L.E.),** A Phase 2b/3 Multicenter, Randomized, Double-Masked, Dose-Ranging Study Comparing the Efficacy and Safety of Emixustat Hydrochloride (ACU-4429) with Placebo for the Treatment of Geographic Atrophy Associated with Dry Age-Related Macular Degeneration.

**Sub-Investigator: The EVEN Study:** Intravitreal aflibercept injections for the treatment of submacular vascularized pigment epithelial detachment.

**Sub-Investigator: VISTA DME:** A Double-Masked Randomized, Active-Controlled, Phase 3 Study of the Efficacy and Safety of Intravitreal Administration of VEGF Trap-Eye in Patients with Diabetic Macular Edema

**Sub-Investigator: VIBRANT:** A Double-Masked, Randomized, Active-Controlled Study of the Efficacy, Safety, and Tolerability of Intravitreal Administration of VEGF Trap-Eye (Intravitreal Aflibercept Injection [IAI] in Patients with Macular Edema Secondary to Branch Vein Occlusion

**Sub-Investigator:** A prospective, randomized, placebo-controlled, double blind clinical trial to evaluate the risk of development or progression of diabetic retinopathy with EGRIFTA (tesamorelin for injection) when administered to HIV-infected subjects with abdominal lipohypertrophy and concomitant diabetes.

**Sub-Investigator: PROVE Study, Prospective Retinal and Optic Nerve Vitrectomy Evaluation.** Investigator involved in design and recruitment of this prospective clinical trial aiming to analyze the optic nerve fiber layer and macular changes following pars plana vitrectomy. Poster presentation at 2011 ASRS Meeting and speaker presentation at 2012 ASRS Meeting. <http://clinicaltrials.gov/ct2/show/NCT01162356>

#### **PUBLICATIONS (Peer-reviewed):**

Reddy RK, **Lalezary M**, Kim SJ, Kammer JA, Kuchtey RW, Cherney EF, Recchia FM, Joos KM, Agarwal A, Law JC. Prospective Retinal and Optic Nerve Vitrectomy Evaluation (PROVE) study: findings at 3 months. *Clin Ophthalmol.* 2013;7:1761-9.

**Lalezary M**, Schoenberger S, Cherney E, Agarwal A. Acute Macular Neuroretinopathy: An Atypical Case, *Retinal Cases & Brief Reports*, 2013 Winter, 7(1): 5-8.

Schoenberger SD, Kim SJ, Sheng J, Rezaei KA, **Lalezary M**, Cherney E. Increased prostaglandin E2 (PGE2) levels in proliferative diabetic retinopathy, and correlation with VEGF and inflammatory cytokines. *Invest Ophthalmol Vis Sci.* 2012 Aug 27;53(9):5906-11.

**Lalezary M**, Recchia FM, Kim SJ. Treatment of Congenital CMV Retinitis with Intravitreal Ganciclovir, *Archives of Ophthalmology*, 2012 Apr;130(4):525-7.

**Lalezary M**, Kim SJ, Jiramongkolchai K, Recchia FM, Agarwal A, Sternberg P Jr., Long-term trends in intraocular pressure after pars plana vitrectomy. *Retina.* Epub, December, 2010; Print, April, 2011.

Jiramongkolchai K, **Lalezary M**, Kim SJ. Influence of previous vitrectomy on incidence of macular oedema after cataract surgery in diabetic eyes. *British Journal of Ophthalmology.* Epub, August, 2010; Print, April, 2011.

Tafreshi A, Sample PA, Liebmann JM, Girkin CA, Zangwill LM, Weinreb RN, **Lalezary M**, Racette L. Visual function-specific perimetry to identify glaucomatous visual loss

using three different definitions of visual field abnormality. *Invest Ophthalmol Vis Sci*. 2009 Mar; 50(3): 1234-40.

**Lalezary M**, Medeiros FA, Weinreb RN, Bowd C, Sample PA, Tavares IM, Tafreshi A, Zangwill LM. Baseline optical coherence tomography predicts the development of glaucomatous change in glaucoma suspects. *Am J Ophthalmol*. 2006 Oct; 142(4): 576-82.

Kwong JM, **Lalezary M**, Nguyen JK, Yang C, Khattar A, Piri N, Mareninov S, Gordon LK, Caprioli J. Co-expression of heat shock transcription factors 1 and 2 in rat retinal ganglion cells. *Neurosci Lett*. 2006 Sep 25; 405(3): 191-5.

### **Book Chapters:**

**Lalezary M**, Agarwal A. Malattia Leventinese. SD-OCT Imaging of the Eye – The A-Z Atlas. Elsevier, Anand Vinekar et. Al, 2012.

### **ABSTRACTS/PRESENTATIONS:**

**Lalezary M**, Sarraf D, Abraham P, Lin SG, Chan CK. The EVEN Study: An In-depth Prospective Trial on Intravitreal Aflibercept Treatment of Submacular Vascularized Pigment Epithelial Detachment. *ARVO Meeting*, Abstract/Poster Presentation, scheduled for May 2014

Shah R, **Lalezary M**, Kim SJ, Reddy R, Kammer JA, Kuchtey RW, Joos K, Recchia FM, Cherney E, Law JC. One-year results of the Prospective Retinal and Optic Nerve Vitrectomy Evaluation (PROVE) Study: A controlled clinical trial. *ARVO Meeting*, Abstract/Poster Presentation, May 2013.

Kanagalingam S, **Lalezary M**, Kim SJ. Traumatic Optic Neuropathy after Vitrectomy Surgery: A controlled prospective trial. *ARVO Meeting*, Abstract/Poster Presentation, May 2013.

Chan C., Sarraf D, Abraham P, Nguyen D, Lin S, **Lalezary M**, Zhang K. Genotype Analysis for Single Nucleotide Polymorphisms Profiles of Eyes with Vascularized Pigment Epithelial Detachment due to Age-Related Macular Degeneration. *ARVO Meeting*, Abstract/Poster Presentation, May 2013.

Chan C., Sarraf D, Abraham P, Lin S, **Lalezary M**, Zhang K, Nguyen D. Analysis of Single Nucleotide Polymorphisms for Eyes with Vascularized Pigment Epithelial Detachment due to Age-Related Macular Degeneration. Basic Science Paper, *Macula Society*, February 2013.

**Lalezary M.**, Reddy R, Joos K, Kammer J, Kuchtey R, Agarwal A, Cherney E, Law J, Recchia FM, Kim SJ. Prospective Retinal and Optic Nerve Vitrectomy Evaluation; *PROVE Study*: Baseline Findings. *ASRS Meeting*, Paper Presentation, August 2012.

Sternberg P Jr., Osborn M, Brantley M, **Lalezary M**, Jones D, Park Y. Innovative Metabolic Profiling Can Distinguish AMD Patients From Control. Basic Science Paper, *Macula Society*, June 2012.

**Lalezary M.**, Reddy R, Joos K, Kammer J, Kuchtey R, Agarwal A, Cherney E, Law J, Recchia FM, Kim SJ. Prospective Retinal and Optic Nerve Vitrectomy Evaluation; *PROVE Study: 3-Month Results*. *ARVO Meeting*, Abstract/Poster Presentation, May 2011.

Agarwal A, Law J, Taylor K, Spencer K, Olson L, Scott W, Pericak-Vance M, Haines J, Kovach J, Schwartz S, **Lalezary M**. Genomics of Reticular Pseudodrusen in Age Related Macular Degeneration, Basic Science Paper, *Macula Society*, March 2011.

Agarwal A, **Lalezary M**. Exudative Retinal Detachment and Skin Papules, Imaging Abstract, *Macula Society*, March 2011.

**Lalezary M**, Kim SJ, Jiramongkolchai K, Recchia FM, Agarwal A, Sternberg P. Long-Term Trends in Intraocular Pressure After Pars Plana Vitrectomy. *ARVO Meeting* Abstract/Poster Presentation, May 2010.

Kim SJ, Jiramongkolchai K, **Lalezary M**. Influence of Previous Vitrectomy on Incidence of Macular Edema After Cataract Surgery in Diabetic Eyes. *ARVO Meeting* Abstract/Poster Presentation, May 2010.

**Lalezary M**, Melson M, Mawn LA. Blepharoptosis Associated Superior Visual Field Loss Detected With an Automated Screening Test. *ARVO Meeting*, Abstract/Poster Presentation, May 2009.

Racette L, Tafreshi A, Liebmann JM, Girkin CA, **Lalezary M**, Zangwill LM, Weinreb RN, Sample PA. Visual Function Specific Perimetry to Identify Glaucomatous Visual Loss Using Three Different Definitions of Visual Field Abnormality. *ARVO Meeting*, Abstract/Poster Presentation, May 2008.

**Lalezary M**, Medeiros FA, Weinreb RN, Bowd C, Sample PA, Tafreshi A, Zangwill LM. Baseline Optical Coherence Tomography to Predict Glaucomatous Change in the Diagnostic Innovations in Glaucoma Study (DIGS). *ARVO Meeting* Abstract, May 2006; Oral presentations at Annual Western Student Medical Research Forum 2004 and UCSD School of Medicine NIH Poster Presentation 2003.

Kwong JM, Piri N, **Lalezary M**, Nguyen J, Yang C, Caprioli J. Expression of Heat Shock Transcription Factors 1 and 2 in Rat Retinal Ganglion Cells. *ARVO Meeting* Abstract, May 2006; Oral presentations at Neuroscience Poster Forum and UCLA Undergraduate Research Forum 2002.

### **PUBLICATIONS (Non-Peer Reviewed):**

Editor, Southern California Desert Retina Consultants, Quarterly Publication.