

# CURRICULUM VITAE

*SHAWN A. LEWIS, MD*

## OFFICE ADDRESSES

Retina Associates of Cleveland, Inc.  
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## TELEPHONE

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## WEBSITE

[www.retina-doctors.com](http://www.retina-doctors.com)

## EDUCATION

### *College*

Xavier University College of Arts and Sciences  
Cincinnati, OH  
2001–2005, BS (magna cum laude; Biology)

### *Medical School*

University of Cincinnati College of Medicine  
Cincinnati, OH  
2005–2009, MD

## POSTGRADUATE TRAINING

### *Internship*

Preliminary Internal Medicine Residency  
Good Samaritan Hospital  
Cincinnati, OH  
2009–2010

### *Residency*

Ophthalmology Residency  
University Hospital / University of Cincinnati  
Cincinnati, OH  
2010–2013

### *Fellowship*

Vitreoretinal Surgery Fellowship  
University of Chicago Medical Center  
Chicago, Illinois  
2013–2015

## LICENSURE AND BOARD CERTIFICATION

Diplomate, American Board of Ophthalmology, 2016

Licensed to practice medicine in Ohio and Illinois

## PROFESSIONAL POSITIONS

Retina Associates of Cleveland, 2015–

Private practice in vitreoretinal surgery and diseases. Associates: Lawrence J. Singerman, MD; Michael A. Novak, MD; Hernando Zegarra, MD; Z. Nicholas Zakov, MD; Scott D. Pendergast, MD; David G. Miller, MD; Joseph M. Coney, MD; Jerome P. Schartman, MD; Llewelyn J. Rao, MD; Arnold F. Nothnagel, DO; Sean M. Platt, MD

## ACADEMIC APPOINTMENTS

Voluntary Professor of Ophthalmology, Northeast Ohio Medical University, 2016–

## HONORS AND AWARDS

Fight for Sight Summer Student Fellowship, 2006

Joseph Peters Scholarship Award, 2003

Awarded to an upper class pre-medical or pre-dental student in recognition of high academic achievement

American Heart Association Undergraduate Student Fellowship, 2002

Schawe Scholarship, 2001

Awarded for high achievement in academic scholarship

## MEMBERSHIPS

American Academy of Ophthalmology, 2010–

American Medical Association, 2005–

American Medical Student Association, 2005–2009

Alpha Sigma Nu, 2004–2005

Xavier University Honors Society

Alpha Epsilon Delta (AED), 2003–2005

Pre-medical Honors Society

## HOSPITAL & ASC AFFILIATIONS

Cleveland Eye and Laser Surgery Center; Cleveland, Ohio

Brainard Surgery Center; Cleveland, Ohio

Hillcrest Hospital; Cleveland, Ohio

## RESEARCH ACTIVITIES

### *National Clinical Trials*

*Phase III, multicenter, randomized, double-masked, active comparator-controlled study to evaluate the efficacy and safety of RO6867461 in patients with diabetic macular edema (YOSEMITE)*

Co-investigator, 2018–

*Phase 2b randomized, double-masked, controlled trial to assess the safety and efficacy of intravitreal administration of Zimura™ (anti-c5 aptamer) in subjects with geographic atrophy secondary to dry age-related macular degeneration*

Co-investigator, 2018–

*Phase III randomised, double-masked, parallel group, multicentre study to compare the efficacy, safety, pharmacokinetics and immunogenicity between SB11 and Lucentis in subjects with neovascular age-related macular degeneration*

Co-investigator, 2018–

*Phase 2 double-masked, placebo-controlled study to assess the safety and efficacy of subcutaneously administered AKB-9778 15 mg once daily or 15 mg twice daily for 12 months in patients with moderate to severe non-proliferative diabetic retinopathy (TIME-2b study)*

Co-investigator, 2017–

*Effect of LY3202626 on Alzheimer's disease progression as measured by cerebral <sup>18</sup>F-AV-1451 Tau-PET in mild Alzheimer's disease dementia*

Co-investigator, 2017–

*Efficacy and safety study of squalamine ophthalmic solution in subjects with neovascular AMD (MAKO)*

Co-investigator, 2016–

*Randomized, double-masked, placebo-controlled, dose-finding, non-inferiority study of X-82 plus prn intravitreal anti-VEGF compared to prn intravitreal anti-VEGF monotherapy in neovascular AMD*

Co-investigator, 2016–2018

*Randomized, double-masked, multicenter, three-arm study comparing the efficacy and safety of RTH258 versus aflibercept in subjects with neovascular age-related macular degeneration (Hawk Study)*

Co-investigator, 2015–2018

*Phase III double-masked study of safety and efficacy of abicipar pegol in patients with neovascular age-related macular degeneration*

Co-investigator, 2015–

*LHA510 proof-of-concept study as a maintenance therapy for patients with wet age-related macular degeneration*

Co-investigator, 2015–2016

***Other Research Activities***

*Clinical research comparing outcomes of rhegmatogenous retinal detachment repair with different gauged instruments*

Cincinnati Eye Institute, Department of Vitreoretinal Diseases and Surgery; 2008–2015

*Independent student research project; expressing and purifying  $\alpha A$ -crystallin protein; running Western blots, spectrophotometry*

Case Western Reserve University School of Medicine, Department of Ophthalmology and Visual Sciences; 2006

*Independent and collaborative undergraduate research; perfusing rat brains, brain sectioning, immunohistofluorescence staining, using Metamorph imaging software*

University of Cincinnati College of Medicine, Department of Neurosurgery, Mayfield Neurotrauma Research Lab; 2003–2005

*Summer undergraduate research on the role of TGF-beta in collagen production by fibroblast cells in the heart; cell culture and quantification of collagen protein*

Cleveland Clinic, Lerner Research Institute, Department of Molecular Cardiology; 2002

**SELECTED PRESENTATIONS AT MEETINGS AND SYMPOSIA**

1. Retina surgery videos. Optometric Retinal Update Seminar. Akron, Ohio, November 1, 2018.
2. Vitreoretinal surgical techniques with video. Optometric Retinal Update Seminar. Youngstown, Ohio, August 22, 2018.
3. Genetic testing for age-related macular degeneration. Optometric Retinal Update Seminar. Cleveland, Ohio, June 7, 2018.
4. Moderator, Cleveland Ophthalmological Society Retina Symposium. Cleveland, Ohio, April 10, 2018.
5. Vitreoretinal surgery. Optometric Retinal Update Seminar. Beachwood, Ohio, February 15, 2018.
6. Update on wet age-related macular degeneration. Community Doctors Education Program. Akron, Ohio, November 7, 2017.
7. Vitreoretinal surgical techniques with video analysis. Community Doctors Education Program. Warren, Ohio, September 6, 2017.

8. Retinal surgical videos. Optometric Retinal Update Seminar. Beachwood, Ohio, March 28, 2017.
9. AMD: Better outcomes start with you. Webinar sponsored by MacuLogix. February 21, 2017.
10. Dark adaptation and AMD. Optometric Retinal Update Seminar. Youngstown, Ohio, September 7, 2016.
11. Dark adaptation and AMD. Optometric Retinal Update Seminar. Cleveland, Ohio, June 16, 2016.
12. Patient experience in a retinal office. Optometric Retinal Update Seminar. Akron, Ohio, April 6, 2016.

## PUBLICATIONS

1. Lewis SA. Trends in diagnostics for diabetic macular edema. *Retinal Physician Newsletter*, December 2016.
2. Nolan DP, Lewis S, Hariprasad SM. Retinal toxicity associated with MEK inhibitor use for metastatic cancer: a rising trend in ophthalmology. *Ophthalmic Surg Lasers Imaging Retina* 2016 May 1;47:398-402.
3. Cionni DA, Lewis SA, Petersen MR, Foster RE, Riemann CD, Sisk RA, Hutchins RK, Miller DM. Analysis of outcomes for intravitreal bevacizumab in the treatment of choroidal neovascularization secondary to ocular histoplasmosis. *Ophthalmology* 2012;119:327-332.
4. Lewis SA, Miller DM, Riemann CD, Foster RE, Petersen MR. Comparison of 20-, 23-, and 25-gauge pars plana vitrectomy in pseudophakic rhegmatogenous retinal detachment repair. *Ophthalmic Surg Lasers Imaging* 2011;42: 107-113  
Grunwald L, Kligman B, Shields C. Acute exudative polymorphous paraneoplastic vitelliform maculopathy in a patient with carcinoma, not melanoma. *Arch Ophthalmol* 2011;129:1104-1106.
5. Biswas A, Lewis S, Wang B, Miyagi M, Santoshkumar P, Gangadhariah MH, Nagaraj RH. Chemical modulation of the chaperone function of human 5-A-crystallin. *J Biochem* 2008;144:21-32.
6. Gopez J, Yue H, Vasudevan R, Malik A, Fogelsanger L, Lewis S, Panikashvili D, Shohami E, Jansen S, Narayan R, Strauss K. Cyclooxygenase-2-specific inhibitor improves functional outcomes, provides neuroprotection, and reduces inflammation in a rat model of traumatic brain injury. *Neurosurgery* 2005;56:590-604.