

CURRICULUM VITAE

Kasra A. Rezaei, M.D.

University of Washington Department Of Ophthalmology

EDUCATION:

- 2014 - Present: Assistant Professor
Department of Ophthalmology
University of Washington
Seattle, Washington
- 2012- 2014 Vitreoretinal surgery fellowship
The Associated retina Consultants
Phoenix, Arizona
- 2009- 2012 Ophthalmology Residency
Vanderbilt Eye Institute
Vanderbilt University
Nashville, TN
- 2008- 2009 Internship
Department of General Surgery
Vanderbilt University
Nashville, TN
- 2006-2008 Research Assistant
Department of Ophthalmology
Vanderbilt University
Nashville, TN
- 2004-2006 Research Assistant
Department of Ophthalmology and Visual Science
Pritzker School of Medicine, University of Chicago
Chicago, IL
- 1994-2001 Tehran Azad University, Iran
M.D. degree, Dissertation: "The Relationship Between Clinical
Symptoms, EMG, and NCV Results in Carpal Tunnel Syndrome"
Magna Cum Laude

HONORS & AWARDS:

- 2010 Selected to attend the 5th Heed Foundation Residents' Retreat in Chicago
- 2006 Research grant-Illinois Society for Prevention of Blindness (ISPB)
- 2005 Research grant-Illinois Society for Prevention of Blindness (ISPB)

LICENSURE. CERTIFICATION:

- 2012 – 2016 Arizona Medical license
- 2014 – present Washington Medical license

Board Certification:

American Board of Ophthalmology (2014)

PEER-REVIEW PUBLICATIONS:

In print:

Schoenberger SD, Kim SJ, Sheng J, **Kasra Rezaei**,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. doi: 10.1167/iovs.12-10410.

Milam A. Brantley Jr., Melissa P. Osborn, Barton J. Sanders, **Kasra A. Rezaei** , JiyangCai, and Paul Sternberg Jr. Short-term effects of oral antioxidant supplementation on oxidative stress biomarker levels. Am J Ophthalmol

Milam A. Brantley Jr., Melissa P. Osborn, Barton J. Sanders, **Kasra A. Rezaei**,Pengcheng Lu, Chun Li,JiyangCai, and Paul Sternberg Jr. Plasma biomarkers of oxidative stress and genetic variants in age-related macular degeneration. Am J Ophthalmol.2011 Oct 28.

Kasra A. Rezaei,Hassanain S. Toma, JiyangCai, John S. Penn, Paul Sternberg, and Stephen, Kim. Reduced Choroidal NeovascularMembrane Formation in Cyclooxygenase-2 Null Mice. Invest Ophthalmol Vis Sci. 2011 Feb 3;52(2):701-7.

John Kuchtey, **Kasra A. Rezaei**, Pimkwan Jarupornpan, Paul Sternberg, Jr. M.D., Rachel Kuchtey, M.D., Ph.D. Multiplex Cytokine Analysis Reveals Elevated Concentration of Interleukin-8 in Glaucomatous Aqueous Humor. Invest Ophthalmol Vis Sci. 2010 Dec;51(12):6441-7.

Kasra A. Rezaei, Chen Y, Cai J, Sternberg P Jr. Zip2, a zinc transporter protein, modulated Nrf2 - Dependent Zntioxidant Function in the RPE. Invest Ophthalmol Vis Sci. 2008 Apr;49(4):1665-70.

Rezaei K.A., Gasyna E.M. **Kasra A. Rezaei**. AcrySof® Natural Filter Decreases the Blue Light Induced Apoptosis in Human Retinal Pigment Epithelium. Graefes Arch Clin Exp Ophthalmol. 2008 May;246(5):671-6.

Seagle B.L., Rezaei K.A., Gasyna E.M., Kobori Y., **Kasra A. Rezaei**, Norris Jr J.R. Melanin Photoprotection in the Human Retinal Pigment Epithelium and its Correlation with Light-induced Apoptosis. Proc Natl Acad Sci U S A. 2005;102:8978-83.

Seagle B.L., Rezaei K.A., Gasyna E.M., Kobori Y., **Kasra A. Rezaei**, Norris Jr J.R. Time-Resolved Detection of Melanin Free Radicals Quenching Reactive Oxygen Species. J Am Chem Soc. 2005;127:11220-11221.

PRESENTATIONS:

National Meetings:

Short Term Effect of Intravitreal Aflibercept Injection In IntraOcular Pressure , **Kasra A. Rezaei** , Carmel Moazed, Stephen De Souza , Alan Gordon , Mark Kwong, Rahul Reddy, Clive Sell, Belinda Shirkey, Matthew Ziemianski, Shepard Bryan, Presented at 2013 ARVO Scientific Meeting, Seattle, Washington

Retinal Toxicity of Polyethylene Glycol (PEG)-400 **Kasra A. Rezaei**, Joshua M. Barnett, Hassanain S. Toma, Stephen J. Kim. Presented at 2012 ARVO Scientific Meeting, Fort Lauderdale, FL.

Kasra A. Rezaei, Hassanain S. Toma, Stephen J. Kim.
Reduced VEGF Expression in Retinal Pigment
Epithelial Cells. Presented at 2011 ARVO Scientific
Meeting, Fort Lauderdale, FL.

Kasra A. Rezaei, Hassanain S. Toma, John S. Penn, Paul
Sternberg Jr., Jiyang Cai, and Stephen J. Kim. Cyclooxygenase
2 in Laser-Induced Choroidal Neovascularization. Presented at
2010 ARVO Scientific Meeting, Fort Lauderdale, FL.

Kasra A. Rezaei, Chun Li, Jeffery A. Canter, Jiyang Cai, and
Paul Sternberg. Plasma Thiol/disulfide Redox Status and Pro-
Inflammatory Cytokines as Potential Peripheral Biomarkers of
Age-Related Macular Degeneration (AMD). Presented at 2008
ARVO Scientific Meeting, Fort Lauderdale, FL.

Kasra A. Rezaei, Y Chen, Jiyang Cai, Paul Sternberg Jr.
ZIP 2 Expression in RPE cells. Presented at 2007 ARVO
Scientific Meeting, Fort Lauderdale, FL.

Kasra A. Rezaei, Lili Farrokh-Siar, Elzbieta Gasyna, William
F. Mieler, Kourous A. Rezaei. The Correlation of Blue Light
Induced Apoptosis and Vascular Endothelial Growth Factor
Production in Human RPE Cells. Presented at 2006 ARVO
Scientific Meeting, Fort Lauderdale, FL.

Kasra A. Rezaei, Elzbieta Gasyna, Lili Farrokh-Siar, William F.
Mieler, Kourous A. Rezaei. The effect of blue light on the production
of VEGF by human retinal pigment epithelial cells. Presented at
2005 ARVO Scientific Meeting, Fort Lauderdale, FL.

Regional Meetings:

Kasra A. Rezaei, Hassanain S. Toma, and Stephen J. Kim.
VEGF Expression in Retinal Pigment Epithelium Cells from
Cyclooxygenase-2 Null Mice Presented at 2011 Vanderbilt
University Research Presentation.

Kasra A. Rezaei, Hassanain S. Toma, John S. Penn, Paul
Sternberg Jr., Jiyang Cai, and Stephen J. Kim.
Cyclooxygenase 2 in Laser-Induced Choroidal
Neovascularization. Presented at 2010 Vanderbilt University
Research Presentation.

Kasra A. Rezaei , Y Chen, Jiyang Cai, Paul Sternberg Jr.
ZIP 2 Expression in RPE cells.Presented in 2009 at 27th
Annual Research Forum, Vanderbilt University.

Abstracts:

Optical coherence tomographic findings in Wet Age
Related Macular Degeneration after Intravitreal Aflibercept
Injection. Carmel Moazez, **Kasra A. Rezaei** , Stephen De
Souza, Alan Gordon , Mark Kwong, Rahul Reddy
Clive Sell, Belinda Shirkey, Matthew Ziemianski,
Shepard Bryan, Presented at 2013 ARVO Scientific
Meeting, Seattle, Washington

Milam A. Brantley Jr., Melissa P. Osborn, **Kasra A. Rezaei**,
Barton J. Sanders, JiyangCai, and Paul Sternberg Jr.
Short-term effects of oral antioxidant supplementation on
oxidative stress biomarker level. Presented at ASRS 29th
Annual Meeting, Boston, Massachusetts USA

Melissa P. Osborn, Milam A. Brantley Jr., **Kasra A. Rezaei**,
Barton J. Sanders, JiyangCai, and Paul Sternberg Jr. Short-
term effects of antioxidant supplements on oxidative stress
biomarker levels. Presented at 2011 ARVO scientific
meeting, Fort Lauderdale, FL.

R.Kuchtey, J. Kuchtey, **Kasra A. Rezaei**, P. Jaru-amporn, P
Sternberg, Jr Multiplex Cytokine Analysis of Human Aqueous
Humor. Reveals Elevated Level of Interleukin-8 (IL-8) in
Primary Open Angle Glaucoma Patients. Presented at ARVO2009.
scientific meeting, Fort Lauderdale, FL.

Janice Law, **Kasra A. Rezaei**,Pengcheng Lu, Jiyang Cai, Paul
Sternberg, Jr. Plasma Interleukin 6 (IL-6) as a Potential
Biomarker of Age- Related Macular Degeneration (AMD).
Presented at 2008 AAO scientific meeting, Atlanta, USA.

R.W. Kuchtey,**Kasra A. Rezaei**, J. Kuchtey. P. Sternberg.
Multiplex Cytokine Screening of Human Aqueous Humor

Reveals Interleukin-8 is Elevated in primary Open Angle Glaucoma Patients. Presented at 2008 ICER scientific meeting, Benjing, China.

K.A. Rezai, E.Gasyna, **Kasra A. Rezaei**, The Effect of Triamcinolone Acetonide on Human Retinal Pigment Epithelium. Presented at 2006 ARVO scientific meeting, Fort Lauderdale, FL.

E.M. Gasyna, **Kasra Rezaei**, K.A. Rezaei, W.F. Mieler. Blue Light Induced Apoptosis in Human Fetal Retinal Pigment Epithelium Cells Depends on the Light Intensity and the Cultured Cells Age. Presented at 2006 ARVO scientific meeting, Fort Lauderdale, FL.

Rezai KA, Gasyna EM, **Kasra A. Rezaei**, Mieler WF. Blue Light Toxicity and Human Retinal Pigment Epithelium. Presented at 2005 Annual meeting of Retina Society, Coronado, CA.

Rezai KA, Gasyna EM, **Kasra A. Rezaei**, Blue light and retina. Presented at 2005 annual Club Vit meeting, Sandestin, FL.

Rezai KA, Gasyna EM, **Kasra A. Rezaei**, Mieler WF. Blue light Retinal Pigment Epithelium, and AcrySof® Natural Filter. Presented at 2005 American Society of Retina Specialists annual meeting, Montreal, Canada.

Rezai KA, Gasyna EM, **Kasra A. Rezaei**, Blue light induce apoptosis in RPE cells: a comparison between Acrysof® Natural filter and Acysof® filter. Presented at 2005 American Society of Cataract and Refractive Surgery, Washington, DC.

Rezai K.A., Gasyna E.M., **Kasra A. Rezaei**, Mieler W.F. AcrySof® Natural filter decreases the blue light induced apoptosis in human retinal pigment epithelium. Presented at 2005 ARVO scientific meeting. Fort Lauderdale, FL.

Gasyna E.M., **Kasra A. Rezaei**.Mieler W.F., Rezai K.A. Blue light induces apoptosis in human fetal retinal pigment epithelium. Presented at 2005 ARVO scientific meeting. Fort Lauderdale, FL.

PROFESSIONAL MEMBERSHIPS:

2004 - present	Association for Research in Vision and Ophthalmology
2005 - 2006	The International Cell Death Society
2005 - 2006	American Association for Advancement of Science
2008 - present	American Academy of Ophthalmology
2009 – 2012	Nashville Academy of Ophthalmology
2012 - present	American Society of Retina Surgeon

ATHLETIC AWARDS:

Country Music Marathon, Nashville, TN
Medical School Athletic Scholarship

Hobbies:

Running, swimming, movies, traveling.