

# SARAH S. KHODADADEH, M.D.

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## EDUCATION AND TRAINING

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<b>Ophthalmology Residency (PGY3-4)</b> Henry Ford Hospital, Department of Ophthalmology Detroit, Michigan	7/2009–Present
<b>Ophthalmology Residency (PGY2)</b> University of Kansas, Department of Ophthalmology Kansas City, Kansas	7/2008-6/2009
<b>Transitional Year Internship (PGY1)</b> Oakwood Hospital and Medical Center Dearborn, Michigan	7/2007-6/2008
<b>Doctorate of Medicine</b> Wayne State University Detroit, Michigan	7/2003–6/2007
<b>Master of Science, Basic Medical Sciences</b> Wayne State University Detroit, Michigan	7/2003–6/2007
<b>Bachelor of Science, Microbiology</b> University of Michigan Ann Arbor, Michigan	8/1996-6/2000

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## CERTIFICATION AND LICENSURE

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Board of Medicine Physician Educational Limited License, State of Michigan ID: 4301090657	7/2009-6/2011
VISX™ Physician Advanced CustomVue Certification	9/2010
Emergency Medical Technician License, State of Michigan License Number: 3203037657	9/2001-8/2004
USMLE Steps I, II (CK & CS), III – Pass	

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## HONORS AND AWARDS

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Chief Resident, Transitional Year Residency Program, Oakwood Hospital and Medical Center	2007–2008
Presentation of the Year, Stereograms: An Optical Illusion, Transitional Year Residency Program, Oakwood Hospital and Medical Center	2007-2008
Medical School Rotation Honors and Commendations (Family Medicine, Neurology, Obstetrics and Gynecology, Pediatrics, Psychiatry, Ophthalmology)	2006-2007
Professional Judge Award, Science and Engineering Fair of Metropolitan Detroit	2002
Dean's List, Oakland Community College, Basic Emergency Technology Program	2001
Divisional Recognition Award, The Division of Research, Wayne State University	2001

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**GRAND ROUNDS PRESENTATIONS/LECTURES**

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**Journal Club**

Two-year multicenter, randomized, double-masked, placebo-controlled, parallel safety and efficacy study of 2% pirenzepine ophthalmic gel in children with myopia. Siatkowski RM, Cotter SA, Crockett RS, Miller JM, Novack GD, Zadnik K; U.S. Pirenzepine Study Group. J AAPOS. 2008 Aug;12(4):332-9.

9/2009

Laser epithelial keratomileusis for myopia. Camellin M. J Refract Surg. 2003 Nov-Dec;19(6):666-70.

5/2009

Predictors of anti-VEGF-associated retinal pigment epithelial tear using FA and OCT analysis. Chiang A, Chang LK, Yu F, Sarraf D. Retina. 2008 Oct;28(9):1265-9.

9/2008

**Grand Rounds**

CMV Retinitis

9/2010

Neurotrophic Exposure Keratopathy

5/2010

System Wide Grand Rounds Case Presenter

Terrien's Marginal Degeneration and Other Peripheral Corneal Degenerations

1/2010

Cornea Sub-Specialty Conference

Superior Oblique Palsy

12/2009

Albinism

3/2009

Temporal Arteritis vs. NAION

6/2009

Central Retinal Artery Occlusion

6/2009

Alumni Day Presenter 2009, University of Kansas

Idiopathic Parafoveal Telangiectasia

4/2009

Nevus of Ota

3/2009

Cornea Sub-specialty Conference

Myasthenia Gravis and Chronic Progressive External Ophthalmoplegia

4/2009

Neuro-Ophthalmology Sub-specialty Conference

Retrobulbar Hemorrhage

12/2008

Cancer-Associated Retinopathy

10/2008

Retinal Vasculitis

8/2008

Stargardt's Disease

7/2006

Beaumont Eye Institute Royal Oak, Michigan

Anterior Uveitis

9/2006

Kresge Eye Institute Detroit, Michigan

**Presentations**

Chronic Myelogenous Leukemia: Gleevec as a Therapeutic Intervention

7/2003

Wayne State University, Master of Science, Essay and Critique

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**PROFESSIONAL SOCIETY MEMBERSHIPS**

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Michigan Society of Eye Physicians and Surgeons, Resident Member

2010-Present

American Academy of Ophthalmology (AAO), Resident Member

2008-Present

Association for Research in Vision and Ophthalmology (ARVO), Resident Member

2008-Present

Wayne State University School of Medicine Alumnae

2007-Present

American Medical Association

2003-Present

Pi Beta Phi Alumnae

2000-Present

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## COMMITTEE MEMBERSHIPS

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Resident Selection Committee, Department of Ophthalmology, Henry Ford Hospital	2009–2010
Education Internal Review Committee, Department of Obstetrics and Gynecology, Oakwood Hospital and Medical Center	2007-2008
Senior Citizen's Outreach Program, Coordinator (Elected 04-05), Wayne State University School of Medicine	2003-2007
Global Health Action Committee, Chair (Elected) , Wayne State University School of Medicine	2004-2005

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## RESEARCH ACTIVITIES

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### Peer Reviewed Publications

Kim SK, Woodcroft KJ, **Khodadadeh SS**, Novak RF. Insulin signaling regulate gamma-glutamylcysteine ligase catalytic subunit expression in primary cultured rat hepatocytes. *The Journal of Pharmacology and Experimental Therapeutics*. 2004 October. 311(1);99-108.

### Acknowledgements

Woodcroft KJ, Hafner, MS, Novak RF. Insulin signalling in the transcriptional and posttranscriptional regulation of CYP2E1 expression. *Hepatology*. 2003 December. 35(2):263-73.

Starcevic SL, Elferink C, Novak RF. Progressive resistance to apoptosis in a cell lineage model of human proliferative breast disease. *Journal of the National Cancer Institute*. 2008 May;93(10): 776-82.

Kim SK, Abdelmegeed MA, Novak RF. Identification of the insulin signalling cascade in the regulation of alpha-class glutathione s-transferase expression in primary cultured rat hepatocytes. *The Journal of Pharmacology and Experimental Therapeutics*. 2006 March. 316(3);1255-61.

### Ongoing Research

Retrospective study on the impact of the surgical outcomes comparing residents exposed to the EYESi surgical simulator in addition to traditional wet-lab models, and residents trained solely with traditional wet-lab models. Du E, Alzaga Fernandez AG, **Khodadadeh SS**, Pokroy R, Steen DW, Edwards P.

Prospective clinical study to detect the prevalence of subclinical inclusion conjunctivitis in patients with chlamydia cervicitis, and to compare the sensitivity and specificity of the TMA-probe for *c. trachomatis* cervicitis to culture for detecting ocular infections. **Khodadadeh SS**, Yamagata A, Woodcroft KJ, Steen D.

### Clinical Experience

Research Assistant. Institute of Environmental Health Sciences, Wayne State University.

Primary Investigator: Raymond F. Novak, PhD. Independent project developing dominant-negative kinase adenoviral expression vectors and associated protocols. 2000-2003

Undergraduate Research Intern. Department of Immunology and Microbiology, Wayne State University.

Primary Investigator: Harley Y. Tse, PhD. Performed experiments on guinea pig spinal cords and mouse model of multiple sclerosis developed by Northwestern University. 1997

### Quality Assurance/Quality Improvement

Ophthalmology Surgical Instruments: An Online Review of Commonly Used Surgical Trays and Instruments for Ophthalmology Residents.

Henry Ford Hospital, Department of Ophthalmology 2010-Present

Preferred Practice Guideline for Primary Open-Angle Glaucoma: Review and Comparison of the 2008 KU Eye Preferred Practice Guideline Adherence Study.

University of Kansas, Department of Ophthalmology 2009

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## EXTRACURRICULAR ACTIVITIES

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### **Volunteer Activities**

National Diabetes Association, Walk for America. Senior Citizen's Outreach Program Coordinator (Elected) 2004-2005. Global Health Action Committee Chair (Elected) 2004-2005. Health Focus Conference 2003-2004 (educational conference to aid children in urban settings). Cass Clinic (non-profit student-run clinic). Project H (organization to provide physical, emotional and spiritual resources to families in an area city homeless shelter), Project Serve (homeless shelter caregiver).

### **Hobbies**

Travelling, cooking, jogging, spending time with family.

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## REFERENCES

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Available upon request.