

Joshua N. Steiner, M.D.

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Curriculum Vitae

Address:

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Silver Spring, MD 20910-3968
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Employment:

July 2010 – present The National Retina Institute
Towson/Silver Spring, MD

Education:

Undergraduate:

Aug 1996- June 2000 Ner Israel Rabbinical College, Baltimore, MD
BA, Talmudic Law, conferred January 2000
May 1997-June 2000 Towson University, Towson, MD
Non-Degree, Premedical Curriculum

Medical School:

Aug 2000-Jun 2004 Wayne State University School of Medicine, Detroit, MI
MD, conferred June 2004

Internship:

July 2004-June 2005 Maryland General Hospital, Baltimore, MD
Transitional Internship, Department of Medicine

Residency:

July 2005-June 2007 Friedenwald Eye Institute
Maryland General Hospital, Baltimore, MD
Resident in Ophthalmology

July 2007-June 2008 Friedenwald Eye Institute
Maryland General Hospital, Baltimore, MD
Chief Resident in Ophthalmology

Fellowship:

July 2008-June 2010 The National Retina Institute, Towson, MD
Fellow, Vitreoretinal Surgery
Dates: 07/01/2008-06/30/2010

Honors and Awards:

1996-2000 Deans List, Ner Israel Rabbinical College
1997-2000 Deans List, Towson University
2002-2003 Wayne State Univ. SOM: Year III: General Surgery Clerkship
2003-2004 Wayne State Univ. SOM: Year IV: Internal Medicine Subinternship,
Pathology Elective, And Ophthalmology Research Elective

Research Experience:

2001-2002 Research under the direction of Dr. J. Rafols, Wayne State University School of Medicine Dept. of Anatomy and Cell Biology, on the effects of endothelin -1 and inducible nitric oxide on traumatic brain injury

2004-2006 Research under the direction of Dr. J. Sunness, Greater Baltimore Medical Center, Towson, MD, concordance between eyes with Stargardt disease

Research Activities:

Peer-Reviewed Original Research Articles:

1. Petrov T, **Steiner J**, Braun B, Rafols JA. "Sources of endothelin-1 in hippocampus and cortex following traumatic brain injury" *Neuroscience*. 2002;115(1):275-83.
2. **Steiner J**, Rafols D, Park HK, Katar MS, Rafols JA, Petrov T. "Attenuation of iNOS mRNA exacerbates hypoperfusion and upregulates endothelin-1 expression in hippocampus and cortex after brain trauma" *Nitric Oxide*. 2004; May;10(3):162-9.
3. Rafols D, **Steiner J**, Rafols JA, Petrov T. "Intracellular coexpression of endothelin-1 and inducible nitric oxide synthase underlies hypoperfusion after traumatic brain injury in the rat" *Neurosci Lett*. 2004; May 20;362(2):154-7.
4. Sunness JS, **Steiner J**. "Retinal Function and Loss of Autofluorescence in Stargardt Disease" *Retina*. 2008; Jun;28(6):794-800.

Poster Presentations:

1. *In vivo* application of iNOS antisense oligonucleotides exacerbates hypoperfusion and upregulates endothelin-1 (ET-1) expression following traumatic brain injury. **Steiner J.**, Rafols J.A., Park H.K., Katar M.S., Petrov T., Society of Neuroscience Annual Meeting, (2002), Orlando, Florida.
2. "Concordance between Eyes in Stargardt Disease". **Steiner J.**, Sunness J.S., Association for Research in Vision and Ophthalmology, Annual Meeting, (2006) Ft. Lauderdale, Florida
3. "Concordance between Eyes in Stargardt Disease". **Steiner J.**, Sunness J.S., 18th Annual Friedenwald Eye Institute Research Conference, (2007), Baltimore, MD.

Professional Societies:

2005-present Association for Research in Vision and Ophthalmology
2005-present American Academy of Ophthalmology

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Community Activities and Accomplishments:

1996-2000 Volunteer, Ner Israel Aid Society
1996-2000 Volunteer, Jewish Convalescent Home for the Aged

Medical School Activities:

2001-2002 President, Jewish Medical Student Association, Wayne State University
School of Medicine
2000-2002 Medical Ethics Interest Group, Wayne State University SOM
2000-2002 Wayne State Univ. SOM Medical School Admissions Tours

Teaching Experience:

1997-2000 Science and Mathematics Instructor, Substitute and Tutor, Israel Henry
Beren High School, Baltimore, MD

Extracurricular Activities:

Water cooled computer building
Intramural ice hockey