



Robert J. Zawadzki, Ph.D.

Clinical Interests	Dr. Zawadzki is studying various types of retinal and ONH diseases. His research interests focus on development of new instrumentation for high-resolution in vivo retina imaging (allowing visualization of individual cellular structures). This includes, but is not limited to Optical Coherence Tomography (OCT), Scanning Laser Ophthalmoscopy (SLO), Adaptive Optics (AO) and combinations of all the above. Currently, Dr. Zawadzki is also involved in studying eye aging process as well as various types of retinal diseases by using these novel instruments to enhance the understanding of its mechanisms.
Title	Assistant Research Professor
Specialty	Ophthalmology
Department	Ophthalmology & Vision Science
Division	Ophthalmology
Center/Program Affiliation	Eye Center
Education	Ph.D., Technical University of Vienna, Vienna, Austria 2003
Fellowships	University of Vienna, Vienna, Austria 2003
Professional Memberships	Association for Research in Vision & Ophthalmology Optical Society of America The International Society for Optical Engineering
Select Recent Publications	Zawadzki RJ, Choi SS, Fuller AR, Evans JW, Hamann B, Werner JS. Cellular resolution volumetric in vivo retinal imaging with adaptive optics-optical coherence tomography. Opt Express. 2009 Mar 2;17(5):4084-94. doi:10.1364/oe.17.004084. PMID:19259248. Gerth C, Zawadzki RJ, Héon E, Werner JS. High-resolution retinal imaging in young children using a handheld scanner and Fourier-domain optical coherence tomography. J AAPOS. 2009 Feb;13(1):72-4. doi:10.1016/j.jaapos.2008.09.001. Epub 2009 Jan 1. PMID:19121595. Gerth C, Zawadzki RJ, Werner JS, Héon E. Retinal microstructure in patients with EFEMP1 retinal



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