

Curriculum Vitae

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Education:

09/84 - 06/88 Yarmouk University, Irbid (Jordan), B.Sc. in Chemistry.
01/91 - 01/96 Loyola University of Chicago, Chicago, Ph.D. in Chemistry.

Professional Positions:

Department of Ophthalmology and Visual Sciences, University of Illinois at
Chicago, Chicago, IL:

01/96 - 01/01 Postdoctoral Research Associate.
01/01 - 11/01 Visiting Senior Research Specialist.
11/01 - 12/02 Visiting Instructor.
01/03 – 06/03 Instructor.
07/03 – 07/06 Visiting Research Assistant Professor.
08/06 – Present Research Assistant Professor

Publications:

1. Lusitani DM, Qtaishat N, LaBrake CC, Yu RN, Davis J, Kelley MR, and Fung LW-M. 1994. The first human α -spectrin structural domain begins with serine. *Journal of Biological Chemistry* **269**, 25955-25958.
2. Qtaishat NM, Okajima T-IL, Li S, Naash MI, and Pepperberg DR. 1999. Retinoid kinetics in eye tissues of VPP mice and their normal littermates. *Investigative Ophthalmology and Visual Science* **40**, 1040-1049.
3. Tan E, Wang Q, Quiambao AB, Xu X, Qtaishat NM, Peachey NS, Lem J, Fliesler SJ, Pepperberg DR, Naash MI, and Al-Ubaidi MR. 2001. The relationship between opsin overexpression and photoreceptor degeneration. *Investigative Ophthalmology and Visual Science* **42**, 589-600.
4. Kang Derwent JJ, Qtaishat NM, and Pepperberg DR. 2002. Excitation and desensitization of mouse rod photoreceptors *in vivo* following bright adapting light. *Journal of Physiology* **541**, 201-218.
5. Qtaishat NM, Redmond TM, and Pepperberg DR. 2003. Acute radiolabeling of retinoids in eye tissues of normal and *Rpe65*-deficient mice. *Investigative Ophthalmology and Visual Science* **44**, 1435-1446.
6. Naash MI, Wu TH, Chakraborty D, Fliesler SJ, Ding XQ, Nour M, Peachey NS, Lem J, Qtaishat N, Al-Ubaidi MR, and Ripps H. 2004. Retinal abnormalities associated with the G90D mutation in opsin. *Journal of Comparative Neurology* **478**, 149-163
7. Hetling JR, Baig-Silva MS, Comer CM, Pardue MT, Samaan DY, Qtaishat NM, Pepperberg DR, and Park TJ. 2005. Features of visual function in the naked mole-rat *Heterocephalus glaber*. *Journal of Comparative Physiology A-Neuroethology Sensory Neural and Behavioral Physiology* **191**, 317-330.
8. Qtaishat NM, Wiggert B, and Pepperberg DR. 2005. Interphotoreceptor retinoid-binding protein (IRBP) promotes the release of all-trans retinol from the isolated retina following rhodopsin bleaching illumination. *Experimental Eye Research* **81**, 455-463.
9. Muni NJ, Qian H, Qtaishat NM, Gemeinhart RA, and Pepperberg DR. 2006. Activation of membrane receptors by neurotransmitter released from temperature-sensitive hydrogels. *Journal of Neuroscience Methods* **151**, 97-105.