

MAYS IMAD
PERT Postdoctoral Fellow
Arizona Research Laboratory Division of Neurobiology
University of Arizona
1040 E. 4th Street, Tucson, AZ 85721

EDUCATION

University of Arizona	
ARL Division of Neurobiology – Postdoctoral Fellow	2006 – present
Cold Spring Harbor Laboratory	
Neurobiology of Drosophila	Summer 2007
Wellcome Trust Genome Advanced Courses	
Advanced Drosophila Genetic and Genomics	Summer 2007
Wayne State University	
Cellular and Clinical Neurobiology – Ph.D.	May 2006
University of Michigan	
Philosophy – B.A.	December 2000

RESEARCH APPOINTMENTS

University of Arizona	
NIH-IRACDA Postdoctoral Excellence in Research and Teaching (PERT) fellow: research in the laboratory of Konrad Zinsmaier on larval NMJ synaptic transmission, three year position	
Wayne State University	
Research Assistant: for Donald Kuhn (Fall 2000)	

ACADEMIC AND TEACHING RESPONSIBILITIES

University of Arizona	
Undergraduate Mentor: Molecular and Cellular Biology Department (Fall 2006 – present), Undergraduate Biology Research Program (UBRP, Summer 2007)	
Wayne State University	
Co-Instructor: Molecular Biology & Biotechnology (Winter 2005), Animal Physiology (Fall 2005)	

SELECTED PUBLICATIONS

Journal Articles

Béïque JC, **Imad M**, Mladenovic L, Gingrich J, and Andrade R (accepted, PNAS) Modulation of excitability by 5-HT_{2A} receptors via activation of a subpopulation of pyramidal neurons in the rat prefrontal cortex.

Dawson-Scully K., Lin Y., **Imad M.**, Zhang J., Marin L., Horne J.A., Meinertzhagen I.A., Karunanithi S., Zinsmaier K.E., Atwood H.L. (2006) Morphological and functional effects of altered cysteine string protein at the Drosophila larval neuromuscular junction. Synapse 61, 1-16.

Imad M, and Andrade R (in preparation) Identification and characterization of a subpopulation of pyramidal neurons in rat prefrontal cortex.

Abstracts

Imad M, Nagotoma K, Zinsmaier KE (2007) The *Drosophila* lipid flippase ATP8B1 is required for neurotransmitter release; Cold Spring Harbor Laboratory.

Imad M, Krolewski DM, Walker PD, Andrade R (2005) Identification and characterization of a subpopulation of pyramidal neurons in the prefrontal cortex; Society for Neuroscience Abstract 489.3.

Imad M, Andrade R (2005) Identification and characterization of a subpopulation of pyramidal neurons in the prefrontal cortex; MI-Society for Neuroscience, Eastern Michigan University. Ypsilanti, Michigan.

Imad M, Fischer TM (2003) Sensory neurons and Inhibitory interneurons in *Aplysia* exhibit different plasticity profiles to serotonergic short-term neuromodulation; Society for Neuroscience Abstract 291.19.