PAUL J. GASSER

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Education

1991	B.S. (Zoology & Physiology)	University of Wyoming
1994	M.S. (Zoology & Physiology)	University of Wyoming
2005	Ph.D. (Biology)	Arizona State University

Research and Professional Experience

2007 – present	Assistant Professor, Biomedical Sciences, Marquette University, Milwaukee, WI
2005 – 2007	Post-doctoral Fellow, University of Bristol, United Kingdom. Cellular mechanisms of stress hormone actions in the brain
2005	Dissertation: Cellular Mechanisms of Rapid Glucocorticoid Action in the Vertebrate Brain
1995 – 1997	Research Technician, Los Alamos National Laboratory, Los Alamos, NM
1994-1995	Instructor, Northern Wyoming Community College, Sheridan, WY

Academic and Professional Honors

2011	Edward W. Carroll Award for Teaching Excellence, Marquette University College of Health Sciences
2006	Blue Riband Prize, Physiological Society Focused Meeting on Frontiers in Stress Research
2005-2007	National Science Foundation International Research Fellowship
2003	Trainee Poster Award, Society for Behavioral Neuroendocrinology
1999	Outstanding Teaching Associate Award, Department of Biology, Arizona State University
1997-2000	University Graduate Scholars Fellowship, Arizona State University
1991	Phi Beta Kappa

Grants

2005-2007	National Science Foundation International Postdoctoral Research Fellowship: Serotonergic regulation of neuroendocrine, autonomic, and behavioral responses to acute stress: the role of the dorsomedial hypothalamus. $153,868

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Gasser PJ, Lowry CA, Orchinik M (2006) Corticosterone-sensitive monoamine transport in the rat dorsomedial hypothalamus: potential role for organic cation transporter 3 in stress-induced modulation of monoaminergic neurotransmission. J. Neurosci. 26 (34): 8758-8766.

Orchinik M, Matthews L, **Gasser PJ** (2000) Distinct specificity for corticosteroid binding sites in amphibian cytosol, neuronal membranes, and plasma. Gen. Comp. Endocrinol. 118: 284-301.

Chen G, Yuan SS, Liu W, Xu Y, Trujillo K, Song B, Cong F, Goff SP, Wu Y, Arlinghaus R, Baltimore D, **Gasser PJ**, Park MS, Sung P, Lee EY (1999) Radiation-induced assembly of rad51 and rad52 recombination complex requires ATM and c-Abl. J. Biol. Chem. 274 (18): 12748-52.

Tarsounas M, Pearlman RE, **Gasser PJ**, Park MS, Moens PB (1997) Protein-protein interactions in the synaptonemal complex. Mol. Biol. Cell 8 (8): 1405-1414.

Gasser PJ and Gern WA (1997) Regulation of melatonin synthesis in rainbow trout (*Oncorhyncus mykiss*) pineal organs: Effects of calcium depletion and calcium channel drugs. Gen. Comp. Endocrinol. 105 (2): 210-217.

Orchinik M, **Gasser PJ**, Breuner CW (2002) Rapid Corticosteroid Actions on Behavior: Cellular Mechanisms and Organismal Consequences. In: "Hormones, Brain, and Behavior", D. Pfaff, ed. pp. 567-600. Academic Press, San Diego.

Gasser PJ, Orchinik M. (2007) Membrane Glucocorticoid Receptors. In: "The Encyclopedia of Stress", vol. 2. G. Fink, ed. pp. 713-721. Academic Press, San Diego.

Gern WA, Greenhouse SS, Nervina JM, **Gasser PJ** (1992) The Rainbow Trout Pineal Organ: An Endocrine Photometer. In: "Rhythms in Fishes", M.A. Ali, ed. Pp. 199-218. Plenum Press, New York.

Academic and Professional Societies

Society for Neuroscience
Society for Behavioral Neuroendocrinology

Reviewer For:

Journal of Neuroendocrinology
Journal of Neurochemistry
British Journal of Pharmacology
Hormones and Behavior
Physiology & Behavior
Proceedings of the National Academy of Sciences of the United States
Oxford University Press: Biochemistry: The Molecular Basis of Life