Faculty Candidate, Department of Physiology

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New Genetic Approaches to Investigate Neurotransmitter-Mediated Signaling and GnRH Pulsatility in Hypothalamic GnRH Neurons

10:00AM, Monday, November 5, 2001, Room HSC 5AB100

Dr. Spergel received a bachelor's degree in biophysics from Columbia University in 1985 and a Ph.D. in physiology from the University of Pennsylvania in 1991. He remained at the University of Pennsylvania as a postdoctoral fellow in Dr. Lahiri’s laboratory until 1992. He was a Research Associate at the National Institute of Child Health and Human Development from 1992-1995. He was awarded an Alexander von Humboldt Foundation Fellowship at the Center for Molecular Biology, University of Heidelberg in 1995. In 1997 he began his current position as a Research Fellow in the Department of Molecular Neuroscience at the Max-Planck-Institute for Medical Research. Dr. Spergel has published eighteen papers in highly regarded journals such as Progress in Neurobiology, the Journal of Neuroscience, Neuroendocrinology, the Journal of Applied Physiology, and Brain Research. Now he is using transgenic and electrophysiological approaches to elucidate the basic mechanisms of pulsatile and neurotransmitter-evoked gonadotropin-releasing hormone (GnRH) secretion from GnRH neurons in the hypothalamus.

Selected Publications


Persons with disabilities who may need auxiliary aids or services are requested to contact Cindy Hutson (806 743-2520) at least 24 hours prior to this seminar so that appropriate arrangements can be made.