

Joint Biomedical Engineering Seminar Series

MU ▪ MCW ▪ UWM

Friday, January 29, 2016

Noon-1pm

Kerrigan Auditorium

Medical College of Wisconsin



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Medical College of Wisconsin

Abstract

Using genetically modified rodents to understand the link between SIDS and brain serotonin

Sudden Infant Death Syndrome (SIDS) is the leading cause of mortality from 1 month to 1 year of age in the U.S., and the biological mechanisms that lead to SIDS are still unclear. However, data from brainstem tissues from SIDS cases indicate several defects in the brainstem serotonin (5-HT) system may contribute. I will discuss how we are using genetically engineered mice and rats with experimental mutations in the 5-HT system to investigate its role in physiological control systems that control breathing and body temperature.

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Medical College of Wisconsin is located at 1101 N. 87th St., Milwaukee, WI 53226.
Parking is available across the street in visitor parking. Refreshments will be provided.