

Monday, June 9, 2008

12:00 noon

Blue Bird Auditorium, NB-137, Neurosensory Center

Sleepless in Philly: Genetic Analysis of Sleep in Drosophila

Mark Wu, MD, PhD

**Instructor, Department of Neurology
University of Pennsylvania**

Objectives:

- Understand the basic processes regulating sleep;
- Know how forward genetic approaches can contribute to understanding of a biological process;
- Know about the importance of sleep in human health

References:

1. Saper, C.B. et al. (2005). Hypothalamic regulation of sleep and circadian rhythms. *Nature* 437, 1257-1263.
2. Kilduff, T.S. (2000). What rest in flies can tell us about sleep in mammals. *Neuron* 26, 295-298.
3. Wu, M.N. et al. (2008). A genetic screen fo sleep and circadian mutants reveals mechanisms underlying regulation of sleep in Drosophila. *Sleep* 31, 465-472.

Target Audience, Needs, Educational Methods, Activity Evaluation:

Physicians, residents, fellows, and other healthcare professionals need to be updated about new advances in the clinical and research areas for the diagnosis, treatment, and management of patients with neurological disorders. Educational methods will include lectures, case presentations, audio/video presentations, and questions & answer sessions. Participants will be asked to complete an activity evaluation.

Accreditation/Credit Designation

Baylor College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Physicians should only claim credit commensurate with the extent of their participation in the activity.