

**Monday, November 16, 2009**

**12:00 noon**

**Blue Bird Auditorium, NB-137, Neurosensory Center**

## **Tropical Neurology: Recent Advances in Neuroparasitic Disorders**

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**Professor of Pathology and Neurology**

**Baylor College of Medicine**

**Objectives – At the end of this lecture, participants should be able to:**

- Describe the epidemiology of major parasitic disorders of the nervous system in the tropics.
- Understand cerebral malaria and the potential role of erythropoietin in therapy.
- Describe recent changes in the trypanosomiasis in Africa and the Americas.
- Understand the epidemiology, clinical, and neuropathological features of neurocysticercosis

**References:**

- Shakir RA, Newman PK and Poser CM. Tropical Neurology. W.B. Saunders 1996.
- Walker M, Kublin JG, Zunt JR. Parasitic central nervous system infections in immunocompromised hosts: malaria, microsporidiosis, leishmaniasis, and African trypanosomiasis. Clin Infect Dis. 2006 Jan 1;42(1):115-25.
- Sinha S, Sharma BS. Neurocysticercosis: a review of current status and management. J Clin Neurosci. 2009 Jul;16(7):867-76.
- Diazgranados CA, Saavedra-Trujillo CH, Mantilla M, Valderrama SL, Alquichire C, Franco-Paredes C. Chagasic encephalitis in HIV patients: common presentation of an evolving epidemiological and clinical association. Lancet Infect Dis. 2009 May;9(5):324-30.
- Kennedy PG. The continuing problem of human African trypanosomiasis (sleeping sickness). Ann Neurol. 2008 Aug;64(2):116-26.
- Casals-Pascual C, Idro R, Picot S, Roberts DJ, Newton CR. Can erythropoietin be used to prevent brain damage in cerebral malaria? Trends Parasitol. 2009 Jan;25(1):30-6.

**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.