The human blood-nerve barrier: What we know and why we really do care!

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

- Understand the basic anatomical structure and cellular constituents of the peripheral nerve
- Recognize the unique blood-tissue interfaces in peripheral nerves.
- Recognize the specialized structure and function of the human blood-nerve barrier.
- Be aware of the importance of the blood-nerve barrier in biomedical research and pharmaceutics.

References:

- Xia RH, Yosef N, Ubogu EE. Clinical, electrophysiological and pathologic correlations in a severe murine experimental autoimmune neuritis model of Guillain-Barré syndrome. Journal of Neuroimmunology 2010; 219:54-63

**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.