

Monday, November 17, 2008

12:00 noon

Blue Bird Auditorium, NB-137, Neurosensory Center

Monoclonal antibody therapies and neurologic disorders

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Objectives:

At the end of this presentation, participants should be able to:

- Describe the production of therapeutic monoclonal antibodies.
- Discuss neurologic diseases for which monoclonal antibodies have a current or a potential future indication.
- Understand neurologic adverse effects of monoclonal antibody use.

References:

- Novak JC, Lovett-Racke AE, Racke MK. Monoclonal antibody therapies and neurologic disorders. *Arch Neurol* 2008;65(9):1162-1165.
- Goodin DS, Cohen BA, O'Connor P, et al. Assessment: the use of natalizumab (Tysabri) for the treatment of multiple sclerosis (an evidence-based review): report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. *Neurology* 2008;71(10):766-773.
- Jacob A, Weinshenker BG, Violich I, et al. Treatment of neuromyelitis optica with rituximab: retrospective analysis of 25 patients. *Arch Neurol* 2008 Sep 8 [Epub ahead of print].
- Cree B. Emerging monoclonal antibody therapies for multiple sclerosis. *The Neurologist* 2006;12(4):171-178.
- Hauser SL, Waubant E, Arnold D, et al. B-cell depletion with rituximab in relapsing-remitting multiple sclerosis. *N Engl J Med* 2008;358(7):676-688.
- Gorson KC, Natarajan N, Ropper AH, et al. Rituximab treatment in patients with IVIG-dependent immune polyneuropathy: a prospective pilot trial. *Muscle Nerve* 2007;35(1):66-69.

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.