



2018 USCAP Companion Meeting

Sunday, March 18, 2018 – 8:30am-12:00 noon
Vancouver Convention Center – Vancouver, BC, Canada

Pathology of the Nervous System

Times	Title	Presenters
8:30 am – 9:15 am	Peripheral neuropathy electron microscopy	Brent T. Harris, MD, PhD Georgetown University Medical Center Washington, DC, USA 
9:15 am – 10:00 am	Electron microscopy in skeletal muscle disorders	Anne Buckley, MD, PhD Duke University Medical Center Durham, NC, USA 
10:00 am – 10:30 am	Coffee Break	Juan Valdez, et al ¡Disfrute de un buen café! 
10:30 am – 11:15 am	The Role of Electron Microscopy in the Diagnosis and Management of Patients with Lesions of the Pituitary Region: Past, Present and Future	Sylvia L. Asa, MD, PhD, FRCPC, FCAP, FRCPath (Hon) University of Toronto Toronto, Ontario, Canada 
11:15 am – 12:00 noon	Electron Microscopy in the diagnosis of CNS tumors: dead or alive?	Caterina Giannini, MD, PhD Mayo Clinic College of Medicine Rochester, MN, USA 

Moderators

Giovanna M. Crisi, MD, PhD
Baystate Health
Springfield, MA



Elizabeth N. Pavlisko, MD
Duke University Medical Center
Durham, North Carolina, USA



ACCME Statement

- a. The topic for this Companion Meeting was determined by the Executive Committee of the Society for Ultrastructural Pathology. The chosen topic is Pathology of the Nervous System, for which Electron Microscopy remains a very important diagnostic tool for the (neuro)pathologist.
- b. The selected program aims to present updates on recent developments in several techniques, and current and novel diagnostic approaches available to a variety of peripheral nerve and muscle conditions, with an emphasis on the important role of electron microscopy in neuromuscular diseases. Electron microscopy has played an important role in defining the fine structural characteristics of central nervous system tumors, and in the diagnosis and the establishment of new tumor entities and variants. However, the use of ultrastructural analysis of brain tumors has decreased with the advent of new techniques e.g. immunohistochemistry. The evolution of the role of EM and its past and current contributions to the diagnoses of central nervous system neoplasia will be presented.
- c. The target audience for this Companion Meeting includes ultrastructural pathologists, neuropathologists, general pathologists, pathology trainees.
- d. Completion of this educational activity should provide participants with:
 - Theoretical and practical information on the handling of nerve and muscle biopsies
 - An understanding of the role of multiple new techniques and approaches to the diagnosis of myopathies and neuropathies
 - Information on the application and the important diagnostic contributions of EM, and an ability to recognize and interpret diagnostic ultrastructural findings in neuromuscular diseases
 - A comprehensive review of the role and utility of electron microscopy in CNS tumors
 - For pathologists currently practicing diagnostic ultrastructural pathology, the session will provide information that can be applied directly to their diagnostic work. For neuropathologists and general pathologists, it will reveal situations in which referral of specimens to a diagnostic EM laboratory would be of value.