



2016 USCAP Companion Meeting

*Sunday, March 13, 2016 – 8:30am-12:00 noon
Seattle Convention Center – Seattle, WA*

Small Blue Cell Tumors

Times	Title	Presenters
8:30 am – 8:40 am	Introduction	
8:40 am – 9:25 am	Small blue cell tumors in the lung	Victor L. Roggli, MD Duke University Medical Center Durham, North Carolina, USA 
9:25 am – 10:00 am	Small blue cell tumors in children	M. John Hicks, MD, PhD, DDS Texas Children’s Hospital and Baylor College of Medicine Houston, Texas, USA 
10:00 am – 10:30 am	Coffee Break	Juan Valdez, et al ¡Disfrute de un buen café! 
10:30 am – 11:15 am	Cytology of small blue cell tumors	Elba Turbat-Herrera, MD LSU Health, Shreveport Shreveport, Louisiana, USA 
11:15 am – 12:00 noon	Small blue cell tumors in soft tissue and bone	Cyril Fisher, MD, DSc, FRCPath Royal Marsden Hospital London, England, UK 

Moderator

Guillermo A. Herrera, MD
Louisiana State University Health Sciences Center
Shreveport, Louisiana, USA



- a. The topic for this Companion Meeting was determined by the Executive Committee of the Society for Ultrastructural Pathology..
- b. The diagnosis of skeletal and cardiac muscle disease is becoming increasingly complex in terms of the number of diagnostic approaches available. Whereas in the past diagnosis was largely made using enzyme histochemistry and electron microscopy, now immunohistochemistry, immunofluorescence, and biochemical and molecular analyses are frequent employed in the analysis of muscle tissue. A higher degree of diagnostic specificity is possible when all of these techniques are thoughtfully combined. An update on the most current approaches to skeletal and cardiac myopathies will therefore be of great benefit to practitioners. While muscle diagnostics is increasingly carried out in specialized centers, it is vital that the pathology community remain abreast of changes in the field, to ensure that muscle specimens of which they have charge are optimally handled so that their patients can take advantage of all available diagnostic modalities. This symposium will begin with the practical aspects of muscle biopsies: discussions with clinical colleagues about the differential diagnosis prior to obtaining specimens, and optimal handling and preparation of muscle tissue. Other topics to be discussed include the use of muscle biopsies in combination with genetic analysis, and multiple diagnostic approaches to a variety of conditions in skeletal and cardiac muscle, including EM, which still plays an important role in the diagnosis of muscle disorders.
- c. The target audience for this Companion Meeting includes ultrastructural pathologists, pathologists whose practices include skeletal and/or cardiac muscle pathology, and any general or subspecialty pathologists whose work touches on these areas, either as episodic practitioners or supporting colleagues.
- d. Completion of this educational activity should provide participants with:
 - Practical advice on how to prepare for and optimally process muscle biopsies for all diagnostic approaches
 - An understanding of the role of muscle histology in the molecular era that will inform the handling of muscle specimens
 - Information on multiple approaches to the diagnosis of genetic myopathies
 - An approach to using immunostaining in combination with EM in the diagnosis of vacuolar myopathies
 - An improved understanding of the ultrastructural features of cardiomyopathies
 - An increased ability to interpret ultrastructural findings in skeletal muscle