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USCAP Companion Meeting, March 2009

Sunday, March 8, 2009 — 8:30 a.m.

John B. Hynes Convention Center

Boston, Massachusetts

[USCAP](#) Ninety-Eighth Annual Meeting.

Current Role of Ancillary Diagnostic Techniques in Understanding Pathogenesis, Diagnosis and Classification of Renal Tumors

 [Handouts](#) (pdf, 400b)

Moderator: Josep Lloreta-Trull, Hospital Del Mar, Barcelona, Spain

Electron Microscopy: Its Role in Diagnosis and Classification of Renal Epithelial Tumors - Guillermo A. Herrera, Bostwick Laboratories/Nephrocor, Phoenix, AZ

The Role of Electron Microscopy in the Evaluation of Fine Needle Aspirates for the Diagnosis and Management of Renal Masses - Elba A. Turbat-Herrera, Bostwick, Laboratories/Nephrocor, Phoenix, AZ

The Current Role of Electron Microscopy in the Diagnosis of Pediatric Renal Tumors - Gary Mireau, The Children's Hospital, Denver, CO

Cytogenetics in the Diagnosis and Conceptual Understanding of Renal Neoplasia - Marie J. Merino, National Cancer Institute, Bethesda, MD

Questions and Answers

The theme was decided by the Board of Directors with input from the membership. Electron microscopy and cytogenetics have played a fundamental role in the most recent classification of renal neoplasms. This program will review the role of these adjunct diagnostic techniques in the current practice of pathology and will compare their contributions to pathogenesis and diagnosis contrasting it with immunohistochemistry. The objectives of this program include critically discussing the most recent classification of renal neoplasms and its clinical importance. The role of ancillary diagnostic techniques in the current evaluation and understanding of pathogenesis of renal tumors will be highlighted.