President’s Message

Time is rapidly approaching for the Ultrapath XVII meeting in Asheville, NC on July 27 through August 1, 2014 at the beautiful Biltmore Inn. We have an outstanding program in store for the participants (see tentative program below) and are working on filling in the last few sessions. There is still time to register through the Ultrapath website. We hope to see you in Asheville in the next few weeks!

Registration is available at [www.ultropath.org](http://www.ultropath.org).

Victor L. Roggli, MD
ULTRAPATH XVII

July 27-August 1, 2014

Asheville, NC

Scientific Program and Session Chairs

Sunday, July 27, 2014 -

6:00p – Reception on Biltmore House Rooftop  including a behind the scenes house tour

Monday, July 28, 2014

8:30 am – 12 noon

Renal Pathology  (David Howell, Marius Van den Bergh Weerman)

8:30 – 8:50 am. Lipidic globules in a transplant kidney patient on Eculizumab. JK Brealey, Adelaide, SA


9:10 -- 9:30 am. What is really immunotactoid glomerulopathy? Could it be a form of cryoglobuline mic nephropathy? G Herrera, Shreveport, LA

9:30 – 9:50 am. The role of electron microscopy in the evaluation of acute tubular injury. GA Herrera, K Ojemakinde, Shreveport, LA.


10:10 – 10:40 am. Break (refreshments provided)

10:40 – 12 noon. Roundtable Discussion

Dense deposit disease: Case report of a patient with recurrence in two renal allografts. J King, P Bacaj, A Parravani, Morgantown, WV

Karyomegalic interstitial nephritis: Case report. H Qadir, M Mustafa, P Bacaj, J King, Morgantown, WV

The role of electron microscopy in investigation of aortic wall changes in experimental renal failure. A Shtabsky, I Frolkis, S Dvash, D Schwartz, T Chernichovski, S Levi, Y Pri-Paz, Y Ben-Gal, IF Schwartz, N Nesher, Tel Aviv, Israel
ULTRAPATH XVII SCIENTIFIC PROGRAM CONTINUED

Monday, July 28, 2014

12:00pm—1:30pm—Lunch provided

1:30 pm – 5 pm

**Neuropathology  (Anne Buckley, Meena Bhattacharjee)**

1:30 – 1:50 pm. A child with progressive lower extremity weakness, and a ‘twist’. P Mancias, P Navarro, J Barrish, MB Bhattacharjee, Houston, TX

1:50 – 2:10 pm. Case series: Electron microscopic confirmation of hydroxychloroquine cardiotoxicity leading to heart failure and transplantation. J Carney, LR DiBernardo, Durham, NC

2:10 – 2:30 pm. Early onset dementia and white matter hyperintensities: diagnostic utility of skin biopsy. M Bhattacharjee, E Supsupin, MB Bhattacharjee, Houston, TX

2:30 – 2:50 pm. Cardiac transplantation unmasks skeletal muscle weakness and leads to a diagnosis of a rare myopathy. JS Van Arnam, T Ahmad, C Patel, D Koeberl, A Hernandez, L DiBernardo, A Buckley, Durham NC.

2:50 – 3:20 pm. Break (refreshments provided)

3:20 – 5:00 pm. Roundtable Discussion

Morphologic and molecular evidence for the presence of autophagy in the degenerating human intervertebral disc. HE Gruber, EN Hanley, Charlotte, NC


Pectus carinatum and pectus excavatum – a different presentation of the same underlying pathomechanism? C Brochhausen, NV Bethencourt, S Turial, CJ Kirkpatrick, Mainz, Germany
8:30 am – 12 noon

**Infectious Disease**  
*(Sara Miller, Antonio de Matos)*

8:30 – 8:50 am. Electron microscopic detection of viral particles in small bowel transplant patients. A Kraynie, DS Vikraman, DN Howell, SE Miller, Durham, NC


9:20 – 10:00 am.

10:00 – 10:30 am. Break (refreshments provided)

10:30 – 12 noon. Roundtable Discussion

Which biopsy type is superior for the ultrastructural diagnosis of primary ciliary dyskinesia – brush or scratch? A retrospective analysis. NV Bethencourt, J Ewen, O Nitsche, C Striedter, K Poplawska, CJ Kirkpatrick, C Brochhausen, Mainz, Germany

12 noon – 1:00 pm

Lunch (provided)

1:00 pm – 5 pm

**Excursion to Downtown Asheville**
ULTRAPATH XVII SCIENTIFIC PROGRAM CONTINUED

Wednesday, July 30, 2014

8:30 am – 9:30 am

President’s Lecture

Fiber Analysis Vignettes: Electron Microscopy to the Rescue! V Roggli, Durham, NC

9:30 am – 12 noon

Pulmonary Pathology/Microprobe Analysis (Tom Sporn, John Shelburne)

9:30 – 9:50 am. Interactive computer-assisted approach for evaluation of ultrastructural cilia abnormalities. JA Schroeder, P Nardini, C. Palm, H. Siegmund, C Grafe, F Hofstaedter, H Kopp, Regensburg, Germany

9:50 am – 10:10 am. Pathology and x-ray analysis: New aspects. B. Hauroder, Germany


10:30 – 11:00 am. Break (refreshments provided)

11:00 – 11:20 am. Malignant mesothelioma not related to asbestos exposure: analytical scanning electron microscopic analysis of 101 cases and comparison with 434 asbestos-related cases. A Kraynie, T Sporn, E Pavlisko, V Roggli, Durham, NC


11:40 – 12 noon. T Sporn, V Roggli, Durham, NC

12 noon – 1:30 pm

Lunch (provided)
Wednesday, July 30, 2014

1:30 pm – 3:00 pm

**Methods in Ultrastructural Pathology**  
*(John Brealey, Guillermo Herrera)*

1:30 – 1:50 pm. Holey sections can be a blessing in a case of microsporidiosis. JK Brealey, Adelaide, SA

1:50 – 2:15 pm. Electron Microscopy and Medical School: Promoting Ultrastructural Diagnosis While Achieving Accreditation Requirements. JA Tucker, Mobile, AL


2:40 – 3:00 pm. Doing more with less: A microwave solution. C Smith, Redding, CA

3:00 – 3:30 pm. Break (refreshments provided)

3:30 pm – 5 pm

**Tumor Pathology**  
*(Marco Santucci, Elba Turbat-Herrera)*

3:30 – 3:50 pm. The importance of electron microscopy in the evaluation of early and unusual renal manifestations of plasma cell dyscrasias. G Herrera, Shreveport, LA

3:50 – 4:10 pm. Adamantinoma-like Ewing family of tumors with potential pitfalls – case report. A. Marzalek, M Szolkowska, R Langfort, R Woroniecka, Poznan, Poland

4:10 – 4:30 pm. Multicentric granular cell tumor: the use of ultrastructure for diagnostic characterization/clarification. S Chaudery, EA Turbat-Herrera, Shreveport, LA

4:30 – 5:00 pm. Soft tissue tumor of the right foot. A Franchi, M Santucci, Florence, Italy

7 pm – 9 pm

**Case Presentations**  
*(John Hicks, Eric Wartchow)*
ULTRAPATH XVII SCIENTIFIC PROGRAM CONTINUED

Thursday, July 31, 2014

8:30 am – 12 noon

**Pediatric Session**  *(Gary Mierau, Nina Tatevian)*

*Symposium on Lysosomal/Metabolic Storage Diseases*

8:30 – 9:00 am. Introduction and overview. G Mierau, Aurora, CO

9:00 – 9:30 am. Glycogen storage diseases: A brief review and update. J Hicks, Houston, TX

9:30 – 10:00 am. Neuronal ceroid lipofuscinoses: Moving toward a new classification system. E Wartchow, Aurora, CO

10:00 – 10:30 am. Break (poster viewing and discussion)

10:30 – 10:45 am. Role of electron microscopy in discovering a metabolic storage disease in hydrops fetalis. J Hicks, Houston, TX

10:45 – 11:00 am. Cholesterol ester storage disease: Role of electron microscopy in diagnosis and guiding molecular confirmation. J Hicks, Houston, TX

11:00 – 11:30 am. Vacuolar myopathies: Ultrastructural studies benefit diagnosis. R Goffredi, Aurora, CO

11:30 – 11:45 am. Chasing red herrings: A career experience. G Mierau, Aurora, CO

11:45 – 12 noon. Questions and answers. N Tatevian, Houston, TX

12:00 – 1:30 pm

Lunch (provided)

1:30 pm – 6 pm

**Resort Activities**

7 pm – 9:30 pm

**Banquet**
ULTRAPATH XVII SCIENTIFIC PROGRAM CONTINUED

Friday, August 1, 2014

8:30 am – 12 noon

**New Technologies**  (*Ann LeFurgey, Josef Schroeder*)

8:30 – 8:50 am. New cross-platform telemicroscopy application for ultrastructural pathological diagnosis and research. JA Schroeder, Regensburg, Germany

8:55 – 9:45 am. Multiscale imaging of cells: From organelle systems to molecular complexes. MH Ellisman, La Jolla, CA


10:20 – 10:50 am. Break (refreshments provided)

10:50 – 11:20 am. Targeting of Fe304@TiO2 nanoparticles to the nucleus of cancer cells. GE Woloschak, Chicago, IL.

11:25 – 11:45 am. The use of electron microscopy in the characterization of lung neoplasms for studies with confocal laser microscopy: Another use for EM. CS Chaudoir, AS Wellikoff, RC Holladay, L Brandi, EA Turbat-Herrera, Shreveport, LA.

12 noon – 1 pm

**Business Meeting**
Ultrapath Program and Abstracts:

For those of you unable to attend the Ultrapath meeting in Asheville in July, flash drives will be available for purchase after the meeting is over. These will contain the final program, the abstracts, the President’s lecture, and a list of sponsors. The price will be $25 plus shipping and handling. A limited number are available. Please contact Melinda Swift at Melinda.Swift@duke.edu if you are interested in purchasing one.
Companion Meeting

The Companion Meeting of the Society for Ultrastructural Pathology will be held on Sunday morning, March 22, 2015 in Boston, MA at the Hynes Convention Center. The program will focus on Ultrastructural diagnosis of disease of cardiac and skeletal muscle. Please make plans to attend.

Proposed By-laws

Very shortly we will be circulating to the membership the proposed By-Laws for the Society for consideration. We currently have a Society Constitution, but the By-laws, which are modeled after the information in the Constitution, are more detailed. Please provide any feedback regarding these By-Laws to Dr Roggli at victor.roggli@duke.edu. The proposed By-Laws will be discussed at the business meeting of the Society in Asheville on August 1 along with any comments received from Society members.

Pathology of Asbestos-Associated Diseases, 3rd Ed.

The textbook Pathology of Asbestos-Associated Diseases, 3rd Ed., edited by TD Oury, TA Sporn, and VL Roggli, is now available from the publisher, Springer-Verlag. This book provides up-to-date and detailed information regarding asbestos and asbestos-related diseases, including the value of electron microscopy in determining causation in an individual case. This edition is also available electronically as well as a hard-back copy and is in full color for $149.00 (E-book price); $189.00 (Hard back copy). You can purchase the book at http://www.springer.commedicine/pathology/book/978-3-642-41192-2