Surgical Pathology of Organ Transplantation

May 4 & 5, 2012

University of Pittsburgh • Frick Fine Arts Building
Pittsburgh, Pennsylvania

The Surgical Pathology of Organ Transplantation Conference focuses on new and challenging features in pathologic analysis of biopsies of solid organ allografts, including liver, kidney, heart and lung, as well as allograft-associated neoplasms and serum and tissue alloantibody analysis.

Course Directors

Anthony J Demetris, MD
Professor, Division Director, Transplantation Pathology
University of Pittsburgh School of Medicine

Michael Nalesnik, MD
Professor, Department of Pathology
University of Pittsburgh School of Medicine

Erin Rubin, MD
Associate Professor, Department of Pathology
University of Pittsburgh School of Medicine

Sponsored by:

University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
and the Department of Pathology
Overview

Organ procurement and the care of the transplanted patient occurs all over the world, in facilities large and small, academic and rural. The body of knowledge is growing exponentially. Please join us for a lively discussion of the Surgical Pathology of Organ Transplantation.

Allograft dysfunction after transplantation may result from infection, ischemia, rejection, technical complications, recurrent disease or post-transplant malignancies. Tissue biopsies play a central role in the differential diagnosis in the planning of treatment strategies. Feedback and discussion between clinical colleagues and pathologists is the key to proper patient care.

Ongoing Translational research has enabled us to develop better ways to determine etiology, diagnose and treat allograft dysfunction. Multi-center studies provide the statistical power necessary for meaningful analysis and confident conclusions, making standardization, precision and quality assurance a key component of transplant pathology.

Sophisticated laboratory testing is used to monitor graft-versus-host reactions, and uncommon infections and tumors. Understanding what is available in state-of-the-art testing for biopsies is important for successful outcome when a graft begins to fail. Digital pathology and telepathology are promising new frontiers that will revolutionize the way biopsies are interpreted and stored. Excitement is building about these new modalities and their impact on the pathologist in the future.

Who should attend:

This meeting is for surgical pathologists, transplant surgeons, hepatologists, gastroenterologists, nephrologists, pulmonologists, cardiologists, oncologists, immunologists, infectious disease specialists, residents, fellows and other health care professionals.
Objectives:

- Describe the histo- and clinicopathologic approaches to transplant pathology specimens.
- Describe the parenchymal and vascular territories affected by rejection.
- Differentiate cellular rejection from other non-rejection inflammatory infiltrates.
- Recognize the patterns of antibody mediated rejection.
- Recognize the morphologic findings associated with different causes of graft dysfunction.
- Explain how clinical and pathologic findings can be melded together to generate reports that can assist in patient management.
- Describe the role of pathological examination in the overall success of transplantation.
- Evaluate specimens suspected of harboring Post-transplant lymphoproliferative disorder (PTLD).
- Identify current concepts regarding the pathogenesis and WHO classification of PTLD.
- Describe the range of neoplasias associated with organ transplantation.
- Identify relevant pathologic issues regarding potential organ donors with neoplasia.
- Distinguish between direct and indirect alloreactivity.
- Discuss the pro and cons of various cellular and solid phase assays used to determine the presence and specificity of anti-HLA antibodies.
- Evaluate the clinical significance of donor-specific circulating anti-HLA antibodies in solid organ transplantation.
- Discuss identification of common pathogens in biopsies taken from transplanted patients.
- Assess the effect of infectious diseases on graft outcome.
- Discuss the current status of digital pathology and uses in transplantation pathology.
SURGICAL PATHOLOGY OF ORGAN TRANSPLANTATION

Faculty for this activity have been required to disclose all relationships with any proprietary entity producing health care goods or services, with the exemption of non-profit or government organizations and non-health care related companies.

Schedule- Friday, May 4, 2012  Schedule is subject to change

8:15 am  Registration and Continental Breakfast

8:45 am  Introduction and General Approach to Transplant Pathology  
Anthony J. Demetris, MD

9:15 am  Immunobiology: Tissue Typing and Immune Monitoring in Transplantation Pathology  
Adriana Zeevi, PhD

10:00 am  Break/Poster viewing

10:15 am  The Pathologic Spectrum of Antibody Mediated Injury in the Allograft Kidney  
Mark Haas, MD, PhD

11:00 am  BK virus and Other Infectious Diseases in Transplantation Pathology  
Parmjeet S. Randhawa, MD

12:00 to 1:30 pm  Meet the Professor Luncheon/Poster viewing  
(location: Frick Fine Arts Building Cloister)

1:30 pm  Recurrent Disease in the Transplanted Kidney  
Parmjeet S. Randhawa, MD

2:15 pm  Pathology of the Transplanted Liver, Part I, Rejection: Acute, Chronic and Antibody Mediated  
Anthony J. Demetris MD

3:00 pm  Break/Poster Viewing

3:15 pm  Pathology of the Transplanted Liver, Part II, Sorting through the Intricacies of Chronic Allograft Hepatitis  
A. J. Demetris MD

4:00-6:00 pm  Break

6:00 pm  Evening Reception and Dinner

7:00 pm  Case Discussions  
(location: University Club, 123 University Place)

8:00 pm  Adjournment
Saturday, May 5, 2012  Schedule is subject to change.

8:15 am  Continental Breakfast

8:45 am  The Use of Molecular Assays in Solid Organ Transplantation  Thangamani Muthukumar, MD

9:45 am  Current Concepts in Post-Transplant Lymphoproliferative Disorders  Michael A. Nalesnik, MD

10:30 am  Break/Poster viewing

10:45 am  Problematic Areas in Lung Transplantation  Samuel A. Yousem, MD

11:30 am  Pathology of the Transplanted Heart: Newer Classification and the Spectrum of Antibody Mediated Rejection  Michael Fishbein, MD

12:15 to 1:30 pm  Meet the Professor Luncheon/Poster viewing  
(location: Frick Fine Arts Building Cloister)

1:30 pm  Pre-transplant donor evaluation  Erin Rubin, MD

2:15 pm  Update in Transplant Associated Neoplasia: Donor and Recipient Issues  Michael Nalesnik, MD

3:00 pm  Digital Pathology Practice for Transplantation Pathology  Anthony J. Demetris, MD

3:45-4:15 pm  Closing Ceremonies and Adjournment.

Continuing Education Credit

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh designates this live activity for a maximum of 11.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 1.1 continuing education units (CEU’s) which are equal to 11.25 contact hours.

Dinner and Case Discussion (see page 7 for additional details)

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit™.
Meeting Location: The conference will be held at the Frick Fine Arts Building at 650 Schenley Drive, Pittsburgh PA 15213. The meeting is in room 125. The dinner and case discussion on Friday evening is at the University Club, in the first floor ballroom, 123 University Place, Pittsburgh PA 15213.

Parking: Please note that parking is not included in the conference registration fee. Pay parking is available at the Soldiers and Sailor’s garage at the corner of Bigelow Boulevard and Fifth Ave. or in the Panther Hollow lot at the corner of S. Bouquet and Boundary Streets.

Overnight Accommodations: A block of hotel rooms at discounted rates are reserved at the Hilton Garden Inn at 3454 Forbes Avenue, Pittsburgh, PA 15213. You may make reservations at your own discretion. The room block is limited and only available until April 3, 2012. Space cannot be guaranteed once the block expires or is filled, whichever comes first. In order to reserve a room, call the Hilton Garden Inn Pittsburgh University Place at 412-688-1969. Room rates are $139.00 per night plus applicable taxes and fees.

Can’t come to Pittsburgh? Virtual attendance is possible:
A live stream of this activity (including the case discussion at the dinner) is scheduled. A URL and password will be provided to attendees choosing the webcast version. The media site will have an ‘Ask’ button that will allow on-line viewers to submit questions during the presentations. Course materials will be provided in an e-mail prior to the event.

The UPMC Center for Continuing Education in the Health Sciences reserves the right to cancel the webcast portion of the program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

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DINNER AND CASE STUDIES

Friday May 4, 2012  6-8PM

University Club, first floor ballroom, 123 University Place,
Pittsburgh PA 15213

An additional fee applies to this portion of the event.

Guests are encouraged to attend

$80 per registered attendee  
$80 per guest  
$80 per any fee waived registrant

*this activity has been approved for AMA PRA Category 1 Credit™.

Dinner attendees will be contacted for their selection from the following menu items: Beef- Herb Roasted Prime Rib of Beef, Chicken- Chicken Breast Asiago, Seafood- Pecan Crusted Orange Roughy, Vegetarian- Vegetable Napoleon, or Kosher.

The UPMC Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Special needs: Participation by all individuals is encouraged. Advance notification of any special needs will help us to provide better service. Please notify us of your needs at least two weeks in advance of the program by calling 412-647-4932.

For additional information, contact:

Cathy Freehling
freehlingca@upmc.edu
Phone: 412-647-4932
Fax: 412-647-5237
Registration Information
Pre-register - The early registration period will end on Friday, April 6, 2012. On April 7, 2012, the late registration period will begin and registrations will be accepted through Monday, April 30, 2012 at the increased late registration fee. If any space remains after April 30, 2012, on-site registration will be required and will incur the additional fee for processing.

Online Registrations
(due by Monday, April 30, 2012)- Registering online is the quickest and easiest way to reserve your space at CCEHS conferences via

https://ccehs.upmc.com/LiveFormalCourses.jsf

Our listing is under May 4-5, 2012, Surgical Pathology of Organ Transplantation. The course number is 3472.

Click the Registration button and enter all of the requested information (including an e-mail address), follow the prompts to submit your registration after entering your payment information.

Print the automatic electronic registration confirmation e-mail sent to the e-mail address you provided. If you do not receive this confirmation, please contact us at (412) 647-8232.

Paper registrations by Fax or Mail (see contact information below)
If you are unable to register online, please submit a request for paper form. UPMC employees whose registration fee will be remitted via journal transfer must request the paper registration form.

A confirmation letter will be faxed or mailed if registration is completed through the mail or fax by the pre-registration deadline. If you register on-line, you will receive an immediate e-mail confirmation message.

Please note: Registration is not complete until you receive this confirmation. If you do not receive this letter within 5-7 days of registration, please contact Cathy Freehling at (412) 647-4932.

YOU MUST BRING YOUR CONFIRMATION LETTER WITH YOU TO THE CONFERENCE.
**REGISTRATION FEES**

**Early Registration (through Friday April 6, 2012)**

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<td>UPMC MDs</td>
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<td>UPMC Residents and Fellows (fee waived)</td>
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**Late Registration (April 7 through April 30, 2012)**

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**On-site Registration**

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**Registration fee includes:** continuing education credit, registration and course materials, continental breakfast, refreshments and lunch.
Poster Submission guidelines:

Submit name, academic title and institution affiliation, degree, complete address, telephone and fax numbers, and e-mail as well as the abstract and the author(s) names and titles by April 4, 2012 (via mail, fax, or e-mail) to:

Rita Brozewicz, BA, CMA
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3459 Fifth Avenue, #E733
Pittsburgh PA 15213
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All accepted abstracts will be granted poster display space. Maximum size for poster is 4’ x 8’.

Visit the Center for Continuing Education in the Health Sciences Web Site at http://ccehs.upmc.edu

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From the University of Pittsburgh School of Medicine

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Professor, Department of Pathology

Adriana Zeevi, MD  
Professor, Department of Pathology

Samuel A. Yousem, MD  
Professor, Department of Pathology

**Guest Faculty**  
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