36th Annual Postgraduate Medicine Course

Renal Biopsy in Medical Diseases of the Kidneys

Wednesday - Saturday, July 17 - 20, 2013
Course Directors
Vivette D. D’Agati, M.D.
Gerald B. Appel, M.D.

Associate Directors
Glen S. Markowitz, M.D.
Jai Radhakrishnan, M.D., M.S.

Program Description & Objectives
Renal Biopsy in Medical Diseases of the Kidneys is an intensive 3 1/2 day course designed for pathologists, nephrologists, internists and other physicians interested in both a systematic review and an update on advances in diagnostic problems in medical renal diseases.

The course should be of special interest to physicians who are preparing for their specialty Board Examinations in Pathology and Clinical Nephrology.

At the conclusion of the course, participants should be able to better understand the pathophysiology and clinical aspects of the major parenchymal diseases of the kidney, with emphasis on clinical-pathologic correlations and the role of renal biopsy.

The format includes lectures, question-and-answer sessions and the study of case problems. A limited/optional Renal Pathology Laboratory exercise is available on Saturday afternoon after the conclusion of the formal lectures.

Additional Information
Contact: Center for Continuing Medical Education
Columbia University College of Physicians & Surgeons
630 West 168th Street, Unit 39
New York, NY 10032
Telephone: (212) 305-3334
Fax: (212) 305-5740
e-mail: cme@columbia.edu
www.columbiacme.org
Guest Faculty

Charles E. Alpers, M.D., *Professor of Pathology & Adjunct Professor of Medicine*, University of Washington Medical Center, Seattle, Washington

Robert B. Colvin, M.D., *Benjamin Castleman Distinguished Professor of Pathology*, Harvard Medical School; *Former Pathologist-in-Chief*, Massachusetts General Hospital, Boston, Massachusetts

William G. Couser, M.D., *Affiliate Professor of Medicine*, Division of Nephrology, University of Washington School of Medicine, Seattle, Washington

Ronald J. Falk, M.D., *Allan Brewster Distinguished Professor of Medicine; Director*, UNC Kidney Center; *Chief, Division of Nephrology and Hypertension*, University of North Carolina School of Medicine, Chapel Hill, North Carolina

Agnes B. Fogo, M.D., *John L. Shapiro Professor of Pathology; Professor of Medicine and Pediatrics; Director*, Division of Renal Pathology/Electron Microscopy, Vanderbilt University Medical Center, Nashville, Tennessee

J. Charles Jennette, M.D., *Brinkhous Distinguished Professor and Chair*, Department of Pathology and Laboratory Medicine; *Chief of Pathology and Laboratory Medicine Services*, University of North Carolina School of Medicine, Chapel Hill, North Carolina

Helmut G. Rennke, M.D., *Professor of Pathology; Director*, Renal Pathology, Harvard Medical School, Boston, Massachusetts

Christina M. Wyatt, M.D., *Assistant Professor of Medicine*, Mount Sinai School of Medicine, New York, New York

Columbia University Medical Center Faculty & NewYork-Presbyterian Hospital Staff

Gerald B. Appel, M.D., *Professor of Clinical Medicine; Director*, Clinical Nephrology

Andrew S. Bomback, M.D., M.P.H., *Assistant Professor of Clinical Medicine*

David J. Cohen, M.D., *Professor of Clinical Medicine; Medical Director*, Renal Transplantation

Vivette D. D’Agati, M.D., *Professor of Pathology; Director*, Renal Pathology

Leal C. Herlitz, M.D., *Assistant Professor of Clinical Pathology and Cell Biology*

Glen S. Markowitz, M.D., *Professor of Clinical Pathology and Cell Biology*

Jai Radhakrishnan, M.D., M.S., *Professor of Clinical Medicine; Director*, Nephrology Fellowship

Michael Barry Stokes, M.D., *Associate Professor of Clinical Pathology and Cell Biology*
### Wednesday, July 17, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Registration; Continental Breakfast</td>
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<tr>
<td>8:30 a.m.</td>
<td>Welcome and Introduction</td>
<td>Vivette D. D’Agati, M.D.</td>
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<tr>
<td>8:45 a.m.</td>
<td>Histophysiology of the Glomerulus</td>
<td>Vivette D. D’Agati, M.D.</td>
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<td>9:45 a.m.</td>
<td>Mediation of Glomerular Injury</td>
<td>William G. Couser, M.D.</td>
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<td>10:45 a.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>11:15 a.m.</td>
<td>Secondary Focal Sclerosis and Progression of Renal Disease</td>
<td>Helmut G. Rennke, M.D.</td>
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<tr>
<td>12:00 p.m.</td>
<td>Lunch</td>
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<tr>
<td>1:15 p.m.</td>
<td>Rapidly Progressive Glomerulonephritis and ANCA</td>
<td>J. Charles Jennette, M.D.</td>
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<td>2:15 p.m.</td>
<td>Clinical Course and Treatment of RPGN</td>
<td>Ronald J. Falk, M.D.</td>
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<td>3:00 p.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>3:30 p.m.</td>
<td>IgA Nephropathy and Henoch Schonlein Purpura</td>
<td>J. Charles Jennette, M.D.</td>
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<td>4:15 p.m.</td>
<td>Clinical Course and Treatment of IgA Nephropathy</td>
<td>Ronald J. Falk, M.D.</td>
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<td>5:00 p.m.</td>
<td>Membranoproliferative Glomerulonephritis</td>
<td>Helmut G. Rennke, M.D.</td>
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<tr>
<td>5:45 p.m.</td>
<td>Adjourn</td>
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### Thursday, July 18, 2013

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration; Continental Breakfast</td>
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<tr>
<td>8:00 a.m.</td>
<td>Membranous Nephropathy</td>
<td>Glen S. Markowitz, M.D.</td>
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<td>8:45 a.m.</td>
<td>Minimal Change Disease and Focal Segmental Glomerulosclerosis</td>
<td>Agnes B. Fogo, M.D.</td>
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<td>9:45 a.m.</td>
<td>Refreshment Break</td>
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<td>10:15 a.m.</td>
<td>C3 Glomerulopathy: Diagnosis and Management</td>
<td>Andrew S. Bomback, M.D., M.P.H.</td>
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<td>11:00 a.m.</td>
<td>Modern Therapy of the Nephrotic Syndrome</td>
<td>Gerald B. Appel, M.D.</td>
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<td>12:00 p.m.</td>
<td>Lunch</td>
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<tr>
<td>1:00 p.m.</td>
<td>29th Annual Conrad L. Pirani Lecture</td>
<td>“Diabetic Nephropathy: Pathology, Pathogenesis, Potential for Reversal”</td>
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<tr>
<td>2:15 p.m.</td>
<td>Management Issues in Diabetic Nephropathy</td>
<td>Jai Radhakrishnan, M.D., M.S.</td>
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<td>3:00 p.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>3:30 p.m.</td>
<td>Acute Post-infectious Glomerulonephritis</td>
<td>Leal C. Herlitz, M.D.</td>
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<td>4:15 p.m.</td>
<td>Challenging Clinical Cases</td>
<td>Gerald B. Appel, M.D., Andrew S. Bomback, M.D., M.P.H., Ronald J. Falk, M.D., Glen S. Markowitz, M.D. &amp; Jai Radhakrishnan, M.D., M.S.</td>
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<td>6:00 p.m.</td>
<td>Adjourn</td>
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Friday, July 19, 2013

7:30 a.m.  Registration; Continental Breakfast
8:00 a.m.  Pathology of Lupus Nephritis
           Vivette D. D’Agati, M.D.
9:00 a.m.  Modern Therapy of Lupus Nephritis
           Gerald B. Appel, M.D.
10:10 a.m. Refreshment Break
10:40 a.m. Treatment and Pathology of Hypertension
           Andrew S. Bomback, M.D., M.P.H. &
           Michael Barry Stokes, M.D.
12:00 p.m. Lunch
1:00 p.m.  Hereditary Nephropathies
           Agnes B. Fogo, M.D.
2:00 p.m.  Fibrillar, Immunotactoid, Cryoglobulinemic and
           Hepatitis C-associated Glomerulonephritis
           Charles E. Alpers, M.D.
3:00 p.m.  Refreshment Break
3:30 p.m.  Dysproteinemia-related Renal Diseases
           Glen S. Markowitz, M.D.
4:30 p.m.  HIV-associated Nephropathy and Treatment of
           Viral Glomerulopathies
           Christina M. Wyatt, M.D.
5:30 p.m.  Adjourn

Saturday, July 20, 2013

7:30 a.m.  Registration; Continental Breakfast
8:00 a.m.  Advances in Renal Transplantation
           David J. Cohen, M.D.
9:00 a.m.  Renal Transplantation Pathology
           Robert B. Colvin, M.D.
10:15 a.m. Refreshment Break
10:45 a.m. Thrombotic Microangiopathies
           Michael Barry Stokes, M.D.
11:35 a.m. Acute Interstitial Nephritis
           Robert B. Colvin, M.D.
12:15 p.m. Toxic Tubular Injuries
           Glen S. Markowitz, M.D.
1:10 p.m.  Concluding Remarks
           Vivette D. D’Agati, M.D.
1:15 p.m. - 5:00 p.m.

A. Optional Renal Pathology Laboratory
   (Microscope Section)
   Enrollment is limited to 30 participants and will be
   handled on a first-come, first-served basis.
   Please check the box on the registration form if
   you wish to attend this session.

B. Optional Clinical Workshop
   Translating Treatment Guidelines into Clinical
   Practice: A Case-based Approach
   Enrollment is open to all course attendees.
   Please check the box on the registration form if
   you wish to attend this session.
Meeting Location

Alumni Auditorium
William Black Medical Research Building
Columbia University Medical Center
650 West 168th Street
New York, NY 10032

Parking is available at the Columbia University Medical Center parking lot, located on the southwest corner of Fort Washington Avenue and West 165th Street.

Accreditation Statement

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement

The College of Physicians and Surgeons designates this live activity for a maximum of 30.0 AMA PRA Category 1 Credits™ (27 credits for the plenary presentations and 3 credits for the optional laboratory). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME credits from activities presented by ACCME accredited providers may be used toward American Osteopathic Association (AOA) Category 2-A requirements.
Hotel Accommodations
A block of rooms has been reserved at the Lucerne, at the special rate of $200 per night, plus state & local taxes. These special room rates are available to the course attendees from July 16 - 20, 2013. Other rates and conditions may apply. Additional information can be obtained by calling the Lucerne directly.

Reservations must be made directly with the Lucerne. To receive this room rate remember to mention that you are a registrant of the Columbia University group #144702.

Rooms will be held until June 16, 2013 or until the room block has been exhausted, whichever comes first. Reservations received after the cut-off date are subject to availability and prevailing rates.

The Lucerne
201 West 79th Street
New York, New York 10024

Cut-Off: June 16, 2013
}(800) 492-8122
(212) 875-1000

Complimentary Bus Service
Complimentary bus service will be provided between the medical center and the Lucerne for each day of the program. Please check the box on the registration form to reserve space for this service.
**Tuition**

Physicians: $795; New York-Presbyterian Alumni Associates: $650; New York Presbyterian Network Physicians: $650; Fellows & Residents in training: $450 (with letter from program director certifying status). The fee includes the academic presentations, optional afternoon sessions, a course syllabus, daily continental breakfast, lunch, and refreshments. Confirmation of registration will be sent upon receipt of the registration form. Refund of registration fee, less a $25 administrative charge, will be made if written notice of cancellation is received by **July 7, 2013**. No refunds can be made thereafter.

**Registration**

**Space is Limited. Early Registration is Encouraged.**

**By Mail:**

Complete the registration form and mail with full payment to:

Columbia University  
College of Physicians & Surgeons  
Center for Continuing Medical Education  
630 West 168th Street, Unit 39  
New York, NY 10032

**On-Line:**

www.columbiacme.org  
**Telephone registrations and/or cancellations are not accepted.**

**Americans with Disabilities Act**

The Columbia University College of Physicians and Surgeons fully complies with the legal requirements of the ADA and the rules and regulations thereof. Any participant with special needs must submit a written request to our office at least one month prior to the course date.
# Registration Form

**COLUMBIA UNIVERSITY**  
Renal Biopsy 2013

*(Please print or type)*

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<tr>
<th>Last Name</th>
<th>Degree</th>
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Address

City  
State  
Zip

Daytime Phone  
Daytime Fax

Please note: Your e-mail address is used for critical information about the course including: registration confirmation, course evaluation and certificate. Please be sure to include an e-mail address you check daily or frequently.

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<th>Institution</th>
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<tr>
<th>Specialty/Area of Interest</th>
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**Afternoon Sessions**  
A (limited enrollment)  
B (unlimited enrollment)

**Transportation**  
I will ☐  
I will not ☐ utilize the complimentary bus service

Pathology PM 6  
July 17 - 20, 2013  
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<tr>
<td>$795 Physicians</td>
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<td>$650 NewYork Presbyterian Network Physicians</td>
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<td>$450 Residents &amp; Fellows (with a letter from program director)</td>
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Enclosed is a check or money order made payable to Columbia University  
Checks must be in U.S. Dollars drawn on a U.S. bank.  
Money Orders must be in U.S. Dollars.

For security purposes, credit card payments cannot be accepted by mail or fax. Please visit www.columbiaacme.org to register and pay by credit card. American Express, Discover, MasterCard and Visa only.
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presented by
Columbia University College of Physicians & Surgeons Departments of Pathology & Medicine