37th Annual Postgraduate Medicine Course

Renal Biopsy in Medical Diseases of the Kidneys

Wednesday - Saturday,
July 16 - 19, 2014
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

Jürgen Floege, M.D., Director of the Department of Nephrology and Clinical Immunology, University Hospital, Aachen, Germany

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, Icahn School of Medicine at Mount Sinai, 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 Medicine at Columbia University Medical Center

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., Associate 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 Medicine at Columbia University Medical Center; Associate Division Chief for Clinical Affairs

Michael Barry Stokes, M.D., Associate Professor of Clinical Pathology and Cell Biology
Wednesday, July 16, 2014

8:00 a.m.  Registration; Continental Breakfast
8:30 a.m.  Welcome and Introduction
            Vivette D. D’Agati, M.D.
8:45 a.m.  Histophysiology of the Glomerulus
            Vivette D. D’Agati, M.D.
9:45 a.m.  Mediation of Glomerular Injury
            William G. Couser, M.D.
10:45 a.m. Refreshment Break
11:15 a.m. Secondary Focal Sclerosis and Progression of
            Renal Disease
            Helmut G. Rennke, M.D.
12:00 p.m. Lunch
1:15 p.m.  Rapidly Progressive Glomerulonephritis
            and ANCA
            J. Charles Jennette, M.D.
2:10 p.m.  Clinical Course and Treatment of RPGN
            Ronald J. Falk, M.D.
3:00 p.m.  Refreshment Break
3:30 p.m.  IgA Nephropathy and Henoch Schonlein Purpura
            J. Charles Jennette, M.D.
4:15 p.m.  Membranoproliferative Glomerulonephritis
            Helmut G. Rennke, M.D.
5:00 p.m.  Acute Post-infectious Glomerulonephritis
            Leal C. Herlitz, M.D.
5:45 p.m.  Adjourn

Thursday, July 17, 2014

7:30 a.m.  Registration; Continental Breakfast
8:00 a.m.  Membranous Nephropathy (MN)
            Glen S. Markowitz, M.D.
8:50 a.m.  Minimal Change Disease (MCD) and
            Focal Segmental Glomerulosclerosis (FSGS)
            Agnes B. Fogo, M.D.
9:50 a.m.  Refreshment Break
10:20 a.m. Complications of the Nephrotic Syndrome
            Jai Radhakrishnan, M.D., M.S.
11:00 a.m. Modern Therapy of MCD, FSGS and MN
            Gerald B. Appel, M.D.
12:00 p.m. Lunch
1:00 p.m.  30th Annual Conrad L. Pirani Lecture
            “IgA Nephropathy: Pathogenesis and Treatment”
            Jürgen Floege, M.D.
2:15 p.m.  C3 Glomerulopathy: Diagnosis and Management
            Andrew S. Bomback, M.D., M.P.H.
3:00 p.m.  Refreshment Break
3:30 p.m.  Dysproteinemia-related Renal Diseases
            Glen S. Markowitz, M.D.
4:30 p.m.  Challenging Clinical Cases
            Gerald B. Appel, M.D.,
            Andrew S. Bomback, M.D., M.P.H.,
            Ronald J. Falk, M.D.
            Glen S. Markowitz, M.D. &
            Jai Radhakrishnan, M.D., M.S.
6:00 p.m.  Adjourn
Friday, July 18, 2014
7:30 a.m.  Registration; Continental Breakfast
8:00 a.m.  Pathology of Lupus Nephritis  
\textit{Vivette D. D’Agati, M.D.}
9:00 a.m.  Current and Future Therapies of Lupus Nephritis  
\textit{Gerald B. Appel, M.D.}
10:10 a.m.  Refreshment Break
10:40 a.m.  Treatment and Pathology of Hypertension  
\textit{Andrew S. Bomback, M.D., M.P.H. & Michael Barry Stokes, M.D.}
12:00 p.m.  Lunch
1:00 p.m.  Pathology of Diabetic Nephropathy  
\textit{Charles E. Alpers, M.D.}
1:45 p.m.  Hereditary Nephropathies  
\textit{Agnes B. Fogo, M.D.}
2:45 p.m.  Refreshment Break
3:15 p.m.  Fibrillarly, Immunotactoid, Cryoglobulinemic and Hepatitis C-associated Glomerulonephritis  
\textit{Charles E. Alpers, M.D.}
4:15 p.m.  Toxic Tubular Injuries  
\textit{Glen S. Markowitz, M.D.}
5:15 p.m.  HIV-associated Renal Disease  
\textit{Christina M. Wyatt, M.D.}
5:45 p.m.  Adjourn

Saturday, July 19, 2014
7:30 a.m.  Registration; Continental Breakfast
8:00 a.m.  Advances in Renal Transplantation  
\textit{David J. Cohen, M.D.}
9:00 a.m.  Renal Transplantation Pathology  
\textit{Robert B. Colvin, M.D.}
10:15 a.m.  Refreshment Break
10:45 a.m.  Thrombotic Microangiopathies  
\textit{Michael Barry Stokes, M.D.}
11:35 a.m.  Acute Interstitial Nephritis  
\textit{Robert B. Colvin, M.D.}
12:15 p.m.  Translating KDIGO Clinical Guidelines into Practice  
\textit{Jai Radhakrishnan, M.D., M.S.}
1:15 p.m.  Concluding Remarks  
\textit{Vivette D. D’Agati, M.D.}
1:15 p.m. - 5:00 p.m.  Optional Renal Pathology Laboratory  
\textit{(Microscope Section)}
\textit{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.}
Hotel Accommodations

A block of rooms has been reserved at the Lucerne, at the special rate of $210 per night, plus state & local taxes. These special room rates are available to the course attendees from July 15 - 19, 2014. 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 #166700.

Rooms will be held until June 15, 2014 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

(800) 492-8122
(212) 875-1000

Cut-Off: June 15, 2014

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.
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 30.5 *AMA PRA Category 1 Credits*™ (27.5 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.
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 session, 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 6, 2014. 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 2014

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- $795 Physicians  
- $650 NewYork-Presbyterian Alumni Associates  
- $650 NewYork Presbyterian Network Physicians  
- $450 Residents & Fellows (with a letter from program director)

☐ 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