



COLUMBIA UNIVERSITY

College of Physicians
and Surgeons

 **New York-Presbyterian**

39th Annual Postgraduate Medicine Course

Renal Biopsy in Medical Diseases of the Kidneys

**Wednesday - Saturday,
July 20 - 23, 2016**

Endorsed by



Leading European Nephrology

*ERA-EDTA's
endorsement is for the
promotion of education
in general, therefore
the specific content of
the event/course is the
responsibility of
the organizer*



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.

Past Attendee Comments

“This was an outstanding lecture series. I learned so much and left feeling much more confident in my diagnostic abilities. I would actually attend again because there was so much to digest.”

“The only concise renal-oriented presentations for both pathologist and nephrologist I am aware of.”

“Very up to date with many pearls for seasoned pathologists. Good mix of clinical and pathology presentations.”

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*
- Leal C. Herlitz, M.D.**, *Staff Pathologist and Medical Director of Electron Microscopy, Cleveland Clinic, Cleveland, Ohio*
- Friedhelm Hildebrandt, M.D.**, *Professor of Pediatrics, Harvard Medical School; Chief, Division of Nephrology, Boston Children's Hospital, Boston, Massachusetts*
- 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*
- Samih H. Nasr, M.D.**, *Associate Professor, Laboratory Medicine and Pathology, Mayo Clinic, Rochester, Minnesota*
- Helmut G. Rennke, M.D.**, *Professor of Pathology; Director, Renal Pathology, Harvard Medical School, Boston, Massachusetts*

Columbia University Medical Center Faculty & NewYork-Presbyterian Hospital Staff

- Gerald B. Appel, M.D.**, *Professor of Medicine at CUMC; Director, Clinical Nephrology*
- Andrew S. Bomback, M.D., M.P.H.**, *Assistant Professor of Medicine at CUMC*
- Pietro Canetta, M.D.**, *Assistant Professor of Medicine at CUMC*
- David J. Cohen, M.D.**, *Professor of Medicine at CUMC; Medical Director, Renal Transplantation*
- Vivette D. D'Agati, M.D.**, *Professor of Pathology and Cell Biology at CUMC; Director, Renal Pathology*
- Glen S. Markowitz, M.D.**, *Professor of Pathology and Cell Biology at CUMC*
- Jai Radhakrishnan, M.D., M.S.**, *Professor of Medicine at CUMC; Associate Division Chief for Clinical Affairs*
- Dominick Santoriello, M.D.**, *Assistant Professor of Pathology and Cell Biology at CUMC*
- Michael Barry Stokes, M.D.**, *Associate Professor of Pathology and Cell Biology at CUMC*



Wednesday, July 20, 2016

8:00 a.m.	<i>Registration; Continental Breakfast</i>
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.	<i>Refreshment Break</i>
11:15 a.m.	Secondary Focal Sclerosis and Progression of Renal Disease Helmut G. Rennke, M.D.
12:00 p.m.	<i>Lunch</i>
1:10 p.m.	Crescentic Glomerulonephritis and ANCA J. Charles Jennette, M.D.
2:05 p.m.	Treatment of Crescentic Glomerulonephritis Ronald J. Falk, M.D.
2:55 p.m.	<i>Refreshment Break</i>
3:25 p.m.	IgA Nephropathy and Henoch Schonlein Purpura J. Charles Jennette, M.D.
4:15 p.m.	Clinical Course and Treatment of IgA Nephropathy Gerald B. Appel, M.D.
5:00 p.m.	Membranoproliferative Glomerulonephritis Helmut G. Rennke, M.D.
5:50 p.m.	<i>Adjourn</i>

Thursday, July 21, 2016

7:30 a.m.	<i>Registration; Continental Breakfast</i>
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.
9:45 a.m.	<i>Refreshment Break</i>
10:15 a.m.	Current Therapy of MCD, FSGS and MN Gerald B. Appel, M.D.
11:15 a.m.	C3 Glomerulopathy: Diagnosis and Management Andrew S. Bomback, M.D., M.P.H.
12:00 p.m.	<i>Lunch</i>
1:00 p.m.	Advances in Renal Transplantation David J. Cohen, M.D.
1:45 p.m.	Renal Transplantation Pathology Robert B. Colvin, M.D.
2:45 p.m.	<i>Refreshment Break</i>
3:15 p.m.	Acute Interstitial Nephritis Robert B. Colvin, M.D.
3:55 p.m.	Acute Post-infectious Glomerulonephritis Leal C. Herlitz, M.D.
4:35 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.	<i>Adjourn</i>

Friday, July 22, 2016

7:30 a.m.	<i>Registration; Continental Breakfast</i>
8:00 a.m.	Pathology of Lupus Nephritis Vivette D. D'Agati, M.D.
9:00 a.m.	Current and Future Therapies of Lupus Nephritis Gerald B. Appel, M.D.
9:55 a.m.	<i>Refreshment Break</i>
10:25 a.m.	Pathology of Diabetic Nephropathy Charles E. Alpers, M.D.
11:05 a.m.	Hereditary Nephropathies Agnes B. Fogo, M.D.
12:00 p.m.	<i>Lunch</i>
1:00 p.m.	32nd Annual Conrad L. Pirani Lecture "Precision Nephrology in 2016: The Role of Genetics" Friedhelm Hildebrandt, M.D.
2:15 p.m.	Fibrillary, Immunotactoid, Cryoglobulinemic and Hepatitis C-associated Glomerulonephritis Charles E. Alpers, M.D.
3:00 p.m.	<i>Refreshment Break</i>
3:30 p.m.	Dysproteinemia-related Renal Diseases Glen S. Markowitz, M.D.
4:20 p.m.	Amyloidosis, Mass Spectrometry and Masked Deposits Samih H. Nasr, M.D.
5:00 p.m.	Challenging Clinical Cases Gerald B. Appel, M.D., Pietro Canetta, M.D., Dominick Santoriello, M.D. & Jai Radhakrishnan, M.D., M.S.
6:00 p.m.	<i>Adjourn</i>

Saturday, July 23, 2016

7:30 a.m.	<i>Registration; Continental Breakfast</i>
8:00 a.m.	Treatment of Viral Nephritides Jai Radhakrishnan, M.D., M.S.
8:45 a.m.	Pathology and Treatment of Hypertension Andrew S. Bomback, M.D., M.P.H. & Michael Barry Stokes, M.D.
10:00 a.m.	<i>Refreshment Break</i>
10:30 a.m.	Thrombotic Microangiopathies Michael Barry Stokes, M.D.
11:20 a.m.	Acute Tubular Injury and the Spectrum of Nephrotoxicities Glen S. Markowitz, M.D.
12:15 p.m.	Putting It All Together: KDIGO Clinical Guidelines and Practice Jai Radhakrishnan, M.D., M.S.
1:15 p.m.	Concluding Remarks Vivette D. D'Agati, M.D.
1:15 p.m. - 5:00 p.m.	Optional Renal Pathology Laboratory (Microscope Section) <i>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.</i>

Hotel Accommodations

A block of rooms has been reserved at the Lucerne, at the special rate of \$240 per night, plus state & local taxes. These special room rates are available to the course attendees from July 19 - 24, 2016. 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 #204700.

Rooms will be held until June 19, 2016 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 19, 2016

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.

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

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*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Live Stream

If you cannot attend the program and would like to participate in the live stream, please indicate so on the registration form. We will send you login information and instructions to the email address provided before the event.

Registration Form

COLUMBIA UNIVERSITY

Renal Biopsy 2016

(Please print or type)

Last Name Degree

First Name Middle Initial

Address

City State Zip

Daytime Phone Daytime Fax

e-mail

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.

Institution

Specialty/Area of Interest

Laboratory Session (limited enrollment) ☐ Yes ☐ No

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

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

Pathology PM 6
July 20 - 23, 2016
UR007925/30.5

Virtual / Live Stream Attendance

☐ \$795 (Attend course virtually and receive CME credit. Individual passwords sent prior to event)

☐ 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.columbiacme.org to register and pay by credit card. American Express, Discover, MasterCard and Visa only.

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.

Virtual/Live Stream Attendance: \$795. The fee includes the academic presentations and electronic course syllabus.

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 10, 2016**. 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.



Columbia University
College of Physicians & Surgeons
630 West 168th Street, Unit 39
New York, New York 10032

39th Annual Postgraduate Medicine Course
***Renal Biopsy in Medical
Diseases of the Kidneys***

Wednesday - Saturday
July 20 - 23, 2016

presented by
Columbia University
College of Physicians & Surgeons
Departments of Pathology & Medicine