



COLUMBIA UNIVERSITY

College of Physicians
and Surgeons



41st Annual Postgraduate Medicine Course

The Columbia Renal Biopsy Course

**Wednesday - Saturday,
July 11 - 14, 2018**

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 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*
- Ronald J. Falk, M.D.**, *Nan and Hugh Coleman Eminent Professor; Chair of Medicine; 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.**, *Director of Renal Pathology and Electron Microscopy, Cleveland Clinic, Cleveland, Ohio*
- J. Charles Jennette, M.D.**, *Brinkhous Distinguished Professor and Chair, Department of Pathology and Laboratory Medicine, University of North Carolina School of Medicine; Chief of Pathology and Laboratory Medicine Services, UNC Hospitals, Chapel Hill, North Carolina*
- Jeffrey B. Kopp, M.D.**, *Chief, Kidney Diseases Branch, NIH Clinical Center, National Institutes of Health, NIDDK, Bethesda, Maryland*
- Samih H. Nasr, M.D.**, *Professor, Laboratory Medicine and Pathology, Mayo Clinic, Rochester, Minnesota*
- David J. Salant, M.D.**, *Norman G. Levinsky Professor of Medicine; Director of Nephrology, Boston University School of Medicine, Boston, Massachusetts*
- Ravi Thadhani, M.D., M.P.H.**, *Visiting Professor, Harvard Medical School; Vice Dean, Research and Education, Cedars Sinai Medical Center, Los Angeles, California*

Columbia University Medical Center Faculty & NewYork-Presbyterian Hospital Staff

- Gerald B. Appel, M.D.**, *Professor of Medicine at CUMC; Director, Glomerular Kidney Center*
- Ibrahim Batal, M.D.**, *Assistant Professor of Pathology and Cell Biology at CUMC*
- Andrew S. Bomback, M.D., M.P.H.**, *Assistant Professor of Medicine at CUMC*
- Eric Campenot, D.O.**, *Assistant Professor of Pathology and Cell Biology at CUMC*
- Pietro Canetta, M.D.**, *Assistant Professor of Medicine at CUMC*
- 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; Clinical Chief, Division of Nephrology*
- Dominick Santoriello, M.D.**, *Assistant Professor of Pathology and Cell Biology at CUMC*
- M. Barry Stokes, M.D.**, *Professor of Pathology and Cell Biology at CUMC*



Wednesday, July 11, 2018

7:15 a.m.	<i>Registration; Continental Breakfast</i>
8:00 a.m.	Welcome and Introduction Vivette D. D'Agati, M.D.
8:15 a.m.	Histophysiology of the Glomerulus Vivette D. D'Agati, M.D.
9:15 a.m.	Immune Pathogenesis of Glomerular Disease David J. Salant, M.D.
10:00 a.m.	<i>Refreshment Break</i>
10:30 a.m.	Minimal Change Disease (MCD) and Focal Segmental Glomerulosclerosis (FSGS) Agnes B. Fogo, M.D.
11:15 a.m.	Membranous Glomerulopathy (MGN): Pathology Glen S. Markowitz, M.D.
11:45 a.m.	Hot Topic: Immune Surveillance of Membranous Glomerulopathy David J. Salant, M.D.
12:30 p.m.	<i>Working Lunch</i> The Renal Biopsy: How and When Jai Radhakrishnan, M.D., M.S. & Glen S. Markowitz, M.D.
1:30 p.m.	Current Therapy of MCD, FSGS and MGN Gerald B. Appel, M.D.
2:30 p.m.	Membranoproliferative Glomerulonephritis: Pathology Dominick Santoriello, M.D.
3:05 p.m.	C3 Glomerulopathy: Diagnosis and Management Andrew S. Bomback, M.D., M.P.H.
3:45 p.m.	<i>Refreshment Break</i>
4:15 p.m.	Acute Post-infectious Glomerulonephritis Leal C. Herlitz, M.D.
5:00 p.m.	Thrombotic Microangiopathies Michael Barry Stokes, M.D.
5:50 p.m.	<i>Adjourn</i>

Thursday, July 12, 2018

7:30 a.m.	<i>Registration; Continental Breakfast</i>
8:00 a.m.	Crescentic Glomerulonephritis and ANCA J. Charles Jennette, M.D.
9:00 a.m.	Treatment of Crescentic Glomerulonephritis Ronald J. Falk, M.D.
9:45 a.m.	<i>Refreshment Break</i>
10:15 a.m.	IgA Nephropathy and Henoch Schonlein Purpura J. Charles Jennette, M.D.
11:15 a.m.	Clinical Course and Treatment of IgA Nephropathy Pietro Canetta, M.D.
12:00 p.m.	<i>Working Lunch</i> 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.
1:00 p.m.	34th Annual Conrad L. Pirani Lecture "FSGS: A Rubik's Cube" Jeffrey B. Kopp, M.D.
2:15 p.m.	Hereditary Nephropathies Agnes B. Fogo, M.D.
3:15 p.m.	<i>Refreshment Break</i>

3:45 p.m.	State of the Art Lecture: Kidney Disease Associated with Pregnancy Ravi Thadhani, M.D., M.P.H.
4:30 p.m.	Cryoglobulinemic, Hepatitis C-associated, Fibrillary and Immunotactoid Glomerulonephritis Charles E. Alpers, M.D.
5:15 p.m.	Treatment of Viral Nephritides Jai Radhakrishnan, M.D., M.S.
5:45 p.m.	<i>Adjourn</i>

Friday, July 13, 2018

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.
9:45 a.m.	<i>Refreshment Break</i>
10:15 a.m.	Pathology of Diabetic Nephropathy Charles E. Alpers, M.D.
11:00 a.m.	Treatment of Diabetic Nephropathy Jai Radhakrishnan, M.D., M.S.
11:45 a.m.	Acute Interstitial Nephritis Robert B. Colvin, M.D.
12:15 p.m.	<i>Working Lunch</i> Challenging Clinical Cases Gerald B. Appel, M.D., Andrew S. Bomback, M.D., M.P.H., Jai Radhakrishnan, M.D., M.S. & Dominick Santoriello, M.D.
1:15 p.m.	Acute Tubular Injury and the Spectrum of Nephrotoxicities Glen S. Markowitz, M.D.
2:00 p.m.	Renal Transplant Pathology Robert B. Colvin, M.D.
3:00 p.m.	<i>Refreshment Break</i>
3:30 p.m.	Dysproteinemia-related Renal Diseases Glen S. Markowitz, M.D.
4:15 p.m.	Amyloidosis, Mass Spectrometry and Masked Deposits Samih H. Nasr, M.D.
4:55 p.m.	Pathology and Treatment of Hypertension Andrew S. Bomback, M.D., M.P.H. & Michael Barry Stokes, M.D.
6:00 p.m.	<i>Adjourn</i>

Saturday, July 14, 2018

9:00 a.m. - 1:00 p.m.	Optional Renal Pathology Laboratory (Microscope Section) Native Kidney Biopsies Eric Campenot, D.O. Transplant Kidney Biopsies Ibrahim Batal, M.D. <i>Enrollment is limited to 45 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 10 - 15, 2018. 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 #240450.

Rooms will be held until June 10, 2018 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.

Lucerne Hotel

201 West 79th Street
New York, New York 10024

(800) 492-8122

(212) 875-1000

Cut-Off: June 10, 2018

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

Hammer Health Sciences Building
701 West 168th Street, Room 401
Columbia University Medical Center
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 28.75 *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 along with a PDF of the syllabus. The videos from the live stream will be archived for one month after the meeting concludes.

Tuition

Physicians with Optional Laboratory: \$895; Physicians: \$795; New York-Presbyterian Alumni Associates/Network Physicians with Optional Laboratory: \$750; New York Presbyterian Alumni Associates/Network Physicians: \$650; Fellows & Residents in training with Optional Laboratory: \$550; Fellows & Residents in training: \$450 (with letter from program director certifying status). The fee includes the academic presentations, a course syllabus, daily continental breakfast, lunch, and refreshments.

Virtual/Live Stream Attendance: 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 1, 2018**. 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 2018

(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

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

- ☐ \$895 Physicians with Optional Laboratory Pathology PM 6
- ☐ \$795 Physicians July 11 - 14, 2018
- ☐ \$550 Residents & Fellows with Optional Laboratory UR002716/28.75
- ☐ \$450 Residents & Fellows (with a letter from program director)
- ☐ \$750 NewYork-Presbyterian Alumni Associates/Network Physicians with Optional Laboratory
- ☐ \$650 NewYork Presbyterian Alumni Associates/Network Physicians

Virtual / Live Stream Attendance

- ☐ \$795 Physicians
- ☐ \$650 NewYork Presbyterian Alumni Associates/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.columbiacme.org to register and pay by credit card. American Express, Discover, MasterCard and Visa only.



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

41st Annual Postgraduate Medicine Course
***The Columbia Renal Biopsy
Course***

Wednesday - Saturday
July 11 - 14, 2018

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