



COLUMBIA UNIVERSITY

College of Physicians  
and Surgeons

 **New York-Presbyterian**

*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*

**Dominnick 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. *Registration; Continental Breakfast*  
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. *Refreshment Break*  
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. *Working Lunch*  
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. *Refreshment Break*  
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. *Adjourn*

## Thursday, July 12, 2018

- 7:30 a.m. *Registration; Continental Breakfast*  
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. *Refreshment Break*  
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. *Working Lunch*  
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. *Refreshment Break*

- 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. *Adjourn*

## Friday, July 13, 2018

- 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. Current and Future Therapies of Lupus Nephritis  
**Gerald B. Appel, M.D.**
- 9:45 a.m. *Refreshment Break*
- 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. *Working Lunch*
- 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. *Refreshment Break*
- 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. *Adjourn*

## 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.**  
*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.*

## 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](mailto:cme@columbia.edu)  
[www.columbiacme.org](http://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](http://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.







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