



COLUMBIA UNIVERSITY

College of Physicians
and Surgeons

 **New York-Presbyterian**

42nd Annual Postgraduate Medicine Course

The Columbia Renal Biopsy Course

**Wednesday - Saturday,
July 10 - 13, 2019**

Endorsed by



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

The Columbia Renal Biopsy Course 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, Nelson Fausto-Ann De Lancey Endowed Professor*, University of Washington Medical Center, Seattle, Washington
- Joseph V. Bonventre, M.D., Ph.D.**, *Samuel A. Levine Professor of Medicine*, Harvard Medical School; *Chief, Renal Division; Professor*, Harvard-MIT Health Sciences and Technology, Brigham And Women's Hospital, Boston, Massachusetts
- 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
- 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

Columbia University Irving Medical Center Faculty & NewYork-Presbyterian Hospital Staff

- Gerald B. Appel, M.D.**, *Professor of Medicine at CUIMC; Director*, Glomerular Kidney Center
- Ibrahim Batal, M.D.**, *Assistant Professor of Pathology and Cell Biology at CUIMC*
- Andrew S. Bomback, M.D., M.P.H.**, *Assistant Professor of Medicine at CUIMC*
- Eric Campenot, D.O.**, *Assistant Professor of Pathology and Cell Biology at CUIMC*
- Pietro Canetta, M.D.**, *Assistant Professor of Medicine at CUIMC*
- Vivette D. D'Agati, M.D.**, *Professor of Pathology and Cell Biology at CUIMC; Director*, Renal Pathology
- Ali Gharavi, M.D.**, *Jay Meltzer Professor of Nephrology and Hypertension; Chief*, Division of Pathology
- Glen S. Markowitz, M.D.**, *Professor of Pathology and Cell Biology at CUIMC*
- Jai Radhakrishnan, M.D., M.S.**, *Professor of Medicine at CUIMC; Clinical Chief*, Division of Nephrology
- Dominick Santoriello, M.D.**, *Assistant Professor of Pathology and Cell Biology at CUIMC*
- M. Barry Stokes, M.D.**, *Professor of Pathology and Cell Biology at CUIMC*



Wednesday, July 10, 2019

- 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.
- 11:20 a.m. Membranous Glomerulopathy (MGN): Pathology
Glen S. Markowitz, M.D.
- 11:50 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 11, 2019

- 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. **35th Annual Conrad L. Pirani Lecture**
"AKI & Adaptive and Maladaptive Repair"
Joseph V. Bonventre, M.D., Ph.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: Genetics and Precision Nephrology in 2019**
Ali Gharavi, M.D.
- 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 12, 2019

- 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*
- Test Your Skills as Renal Pathologist
Dominick Santoriello, M.D.
- 1:15 p.m. Acute Tubular Injury and the Spectrum of Nephrotoxicities
Glen S. Markowitz, M.D.
- 2:05 p.m. Renal Transplant Pathology
Robert B. Colvin, M.D.
- 3:05 p.m. *Refreshment Break*
- 3:35 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. 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 13, 2019

- 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 \$245 per night, plus state & local taxes. These special room rates are available to the course attendees from July 9 - 14, 2019. 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 #262950.

Rooms will be held until June 9, 2019 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 9, 2019

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 Vagelos College of Physicians and 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 Irving Medical Center
New York, NY 10032

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

Accreditation Statement

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

AMA Credit Designation Statement

The Columbia University Vagelos 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, 2019**. 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
Vagelos 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 Vagelos 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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Departments of Pathology & Medicine