



**JOHNS HOPKINS**  
M E D I C I N E

Office of Continuing Medical Education  
720 Rutland Avenue / Turner, 20  
Baltimore, Maryland 21205-2195

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19<sup>TH</sup> ANNUAL

**Current Topics in  
Gastrointestinal and Liver Pathology**

Saturday and Sunday • October 19-20, 2019  
Baltimore, Maryland

DATED MATERIAL



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CONTINUING MEDICAL EDUCATION

NOW  
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STREAM!

19<sup>TH</sup> ANNUAL  
**Current Topics in  
Gastrointestinal  
and Liver Pathology**

Saturday and Sunday  
**October 19–20, 2019**

Chevy Chase Bank  
Conference Center  
The Sheikh Zayed Tower  
The Johns Hopkins Hospital  
Baltimore, Maryland

This activity has been approved for *AMA PRA Category 1 Credits™*.

APPROVED  
FOR  
SELF-ASSESSMENT  
MODULE (SAM)  
FOR MAINTENANCE  
OF CERTIFICATION



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## DESCRIPTION

This 19th annual conference is intended as a practical overview for pathologists who encounter gastrointestinal and liver specimens in daily practice. Interpretation of biopsies of the upper GI tract mucosa and the liver will be addressed, as well as recent advances in pancreatic and biliary pathology. Case presentations will be featured to emphasize presented concepts. Participants should come away with a better understanding of interpretation of mucosal biopsies, liver biopsies, pancreatic/biliary disorders and the application of modern techniques to gastrointestinal disorders.

## WHO SHOULD ATTEND

This activity is intended for community pathologists, gastrointestinal specialists, hepatologists and gastrointestinal and hepatology fellows and residents.

## OBJECTIVES

After attending this activity, the participant will be able to:

- Recognize unusual variants of GIST.
- Develop a diagnostic approach to unusual/variant colorectal polyps.
- Identify histopathologic manifestations of infectious diseases in the gastrointestinal tract.

- Describe both common and rare lymphoproliferative disorders that involve the gastrointestinal tract.
- Describe the use of tumor genomic information in colon cancer targeted therapy.
- Identify and discuss the gastrointestinal manifestations of systemic disorders.
- List the differential diagnosis of biliary proliferations in the liver in the intraoperative setting.
- Describe the biomarkers used by oncologist to inform them on patient management.
- Review common mimics of Inflammatory bowel disease.
- Discuss the updated classification of benign and malignant hepatic neoplasm.
- Recognize patterns of inflammation associated with STI of the aerodigestive tract.
- Describe the basis of grading acute cellular rejection.
- Name the four most common types of neoplastic cysts of the pancreas.

## ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



## CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 15 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## OTHER CREDITS

### American Board of Pathology (SAM)

This course is approved for self assessment module (SAM) credit by the American Board of Pathology and addresses the ACGME competencies of Medical Knowledge and Systems-Based Practice.

### Contact Hours for Non-Physicians

The Johns Hopkins University has approved this activity for 15 contact hours for non-physicians.

## POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies that will identify and resolve conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

## GENERAL INFORMATION

## REGISTRATION

October 19–20, 2019 • 7:00 a.m.

## LOCATION

### Chevy Chase Bank Conference Center

The Sheikh Zayed Tower  
The Johns Hopkins Hospital  
1800 Orleans Street, Main Level  
Baltimore, Maryland 21287

The Sheikh Zayed Tower is located on Orleans Street between Broadway and Wolfe Streets. Directions and campus parking information are available on our website under the Contact Us tab at [HopkinsCME.cloud-cme.com](http://HopkinsCME.cloud-cme.com). The closest garage is the Orleans Street Garage, which is located on Orleans Street (Route 40) between Wolfe Street and Broadway. Handicapped parking is also available in the McElderry Street Garage. **Johns Hopkins is smoke-free.**

## FEES

### Register Online:

[hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984](http://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984)

**Methods of Payment:** We require full payment prior to the start of the activity. On-site payments by credit card only. The registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

Physicians/Nurses/NPs/PAs/Allied Health Professionals	\$550
Live Stream	\$350
Residents*/Fellows* *with verification of status	\$250
Printed Syllabus	\$50

You will receive a confirmation by e-mail. If you have not received it by **October 13, 2019**, call (410) 502-9636 to confirm that you are registered. **A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.**

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

## LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET on **October 13, 2019**. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by **October 13, 2019**. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

## SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee of \$50. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

## HOTEL AND TRAVEL INFORMATION

**Courtyard by Marriott** (800) 321-2211  
**Baltimore Inner Harbor** (443) 923-4000  
1000 Aliceanna Street FAX: (443) 923-9970  
Baltimore, Maryland 21202-4341  
Website: [www.marriott.com/bwidt](http://www.marriott.com/bwidt)

## HOTEL RESERVATION CUT-OFF DATE: September 27, 2019

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Courtyard by Marriott Baltimore Inner Harbor is hospitality on the harbor. Nestled in the Harbor East neighborhood, it is one block from the picturesque waterfront and an easy stroll to the National Aquarium, Fells Point, Little Italy and other Inner Harbor attractions. Make your reservation online at [www.marriott.com/bwidt](http://www.marriott.com/bwidt) or call the hotel directly and specify that you are attending the Johns Hopkins **GI/Liver Pathology Meeting** to receive the special group rate of \$209 single or double, plus tax. Complimentary roundtrip transportation will be provided. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

## HOW TO OBTAIN CREDIT

Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print. **The last day to access the evaluation and attest to your credits is November 30, 2019.**

An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner's practice.

## EMERGENCY CALLS

On October 19-20, 2019 direct emergency calls to the Hopkins registration desk, (443) 287-5426. Messages will be posted for participants.

## AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

# Program

## SATURDAY, OCTOBER 19

### MORNING

- 7:00 – 7:45 Registration and Continental Breakfast  
7:45 – 8:00 **Welcome and Conference Goals**  
Lysandra Voltaggio, MD  
8:00 – 9:00 **GI Mesenchymal Lesions: Not Just a GIST**  
Teri Longacre, MD  
9:00 – 10:00 **Colon Polyps: A Managerial Approach**  
Teri Longacre, MD  
10:00 – 10:15 Refreshment Break  
10:15 – 11:15 **Gastrointestinal Tract Infections:  
Cases in Anatomic Pathology**  
Dena Shibib, DO  
11:15 – 12:15 **Gastrointestinal Lymphoproliferative Disorders:  
The Good, The Bad and The Tummy**  
Amy Duffield, MD, PhD  
12:15 – 1:15 Lunch

### AFTERNOON

- 1:15 – 2:15 **Hot Topics in Gastrointestinal  
Molecular Pathology**  
Jason Park, MD, PhD  
2:15 – 3:15 **GI Tract Manifestations of Systemic Diseases**  
Maryam Kherad Pezhoh, MD  
3:15 – 3:30 Refreshment Break  
3:30 – 4:15 **Challenges and Pitfalls in Intraoperative Frozen  
Section Analysis: Pancreatobiliary Resection  
Margins, Liver and Peritoneal Lesions**  
Elizabeth Thompson, MD  
4:15 – 5:15 **Update on Immune Based Cancer Therapy:  
Approved and Emerging Biomarkers**  
Robert Anders, MD, PhD

## SUNDAY, OCTOBER 20

### MORNING

- 7:00 – 8:00 Registration and Continental Breakfast  
8:00 – 9:00 **Update on IBD for the Pathologist:  
Focus on Implications for Clinical Management**  
Tatianna Larman, MD  
9:00 – 10:00 **An Update on Tumors of the Liver,  
Bile Ducts and Gallbladder**  
Kiyoko Oshima, MD, PhD  
10:00 – 10:15 Refreshment Break  
10:15 – 11:15 **Sexually Transmitted Infections:  
Epidemiologic Trends and  
Aerodigestive Manifestations**  
Lysandra Voltaggio, MD  
11:15 – 12:15 **Iatrogenic Injury in the Gastrointestinal Tract**  
Elizabeth Montgomery, MD  
12:15 – 1:15 Lunch

### AFTERNOON

- 1:15 – 2:15 **Sometimes Small Bowel Biopsies  
Give Us Diarrhea**  
Elizabeth Montgomery, MD  
2:15 – 3:15 **What You Really Need to Know  
About Liver Transplantation**  
Meredith Pittman, MD  
3:15 – 3:30 Refreshment Break  
3:30 – 4:30 **Cystic Neoplasms of the Pancreas**  
Ralph Hruban, MD  
4:30 Adjourn

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.

The registration desk will remain open during conference hours.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

### TO REGISTER or FOR FURTHER INFORMATION

Register Online: [hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984](http://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984)  
Register by Phone .....(410) 502-9636  
Register by Fax .....(866) 510-7088  
Confirmation/Certificates/Transcripts .....(410) 502-9636  
General Information .....(410) 955-2959  
E-mail the Office of CME..... [cmenet@jhmi.edu](mailto:cmenet@jhmi.edu)  
Follow us on Twitter: [twitter.com/HopkinsCME](https://twitter.com/HopkinsCME)  
Facebook: [facebook.com/HopkinsCME](https://facebook.com/HopkinsCME)

## CloudCME

Check out our mobile app CloudCME.

Organization Code: **HopkinsCME**

For website and CloudCME mobile app technical difficulties, email: [cmtechsupport@jhmi.edu](mailto:cmtechsupport@jhmi.edu)

For general information, please visit the activity webpage at [hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984](http://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984)

# Speakers

## ACTIVITY DIRECTOR

### Lysandra Voltaggio, MD

Associate Professor of Pathology

## JOHNS HOPKINS SPEAKERS

### Robert Anders, MD, PhD

Associate Professor of Pathology

### Amy Duffield, MD, PhD

Associate Professor of Pathology

### Ralph Hruban, M.D.

Chairman of Pathology  
Professor of Pathology and Oncology

### Tatianna Larman, MD

Assistant Professor of Pathology

### Elizabeth Montgomery, MD

Professor of Pathology,  
Oncology and Orthopedic Surgery

### Kiyoko Oshima, MD, PhD

Assistant Professor of Pathology

### Elizabeth Thompson, MD

Assistant Professor of Pathology

## GUEST SPEAKERS

### Maryam Kherad Pezhoh, MD

Assistant Professor of Pathology  
Northwestern University  
Chicago, Illinois

### Teri Longacre, MD

Professor of Pathology  
Stanford University  
Stanford, California

### Jason Park, MD, PhD

Associate Professor of Pathology  
University of Texas Southwestern  
Childrens Medical Center  
Dallas, Texas

### Meredith Pittman, MD

Assistant Professor of Pathology  
Cornell University  
Ithaca, New York

### Dena Shibib, DO

Assistant Professor of Pathology  
The University of Oklahoma  
Oklahoma City, Oklahoma

## ACKNOWLEDGEMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

## Registration Form

COURSE NUMBER 80049476/18984

### 19th Annual Current Topics in Gastrointestinal and Liver Pathology

October 19-20, 2019

#### To Register:

Online: [hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984](http://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=18984)

By fax: (866) 510-7088 By phone: (410) 502-9636

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner Room 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

#### FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

I am a Johns Hopkins speaker for this activity. *Please type or print clearly*

Last Name		First Name		M.I.
Highest Degree	Primary Specialty		Hopkins Faculty/Staff Only -JHED ID	
For Physicians Only: NPI - 10 digits		State License #		State of License
Organization		Mailing Address		
City		State	ZIP + 4 Code	Country
Daytime Telephone		Fax Number		
E-Mail (required)				

Check here if you wish to receive e-mail notices about upcoming CME activities.

What do you hope to learn by attending this activity? \_\_\_\_\_

Please notify us if you have any special needs. \_\_\_\_\_

#### Registration Fees:

- Physicians/Nurses/NPs/PAs/Allied Health Professionals .....\$550
- Live Stream .....\$350
- Residents\*/Fellows\* .....\$250  
\*with verification of status
- Printed Syllabus.....\$50

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on **October 13, 2019** include a \$50 late fee. On-site registrations are payable only by credit card.

**Total amount \$** \_\_\_\_\_

#### Payment Type:

JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.

- TR Form: [benefits.jhu.edu/documents/trffacandstaff.pdf](http://benefits.jhu.edu/documents/trffacandstaff.pdf)
- ION Form: [hopkinscme.edu/migration/IonRequest.pdf](http://hopkinscme.edu/migration/IonRequest.pdf)

e-Check: Routing #: \_\_\_\_\_ Account #: \_\_\_\_\_

Credit Card:  VISA  MASTERCARD  DISCOVER  AMEX

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Billing Zip Code \_\_\_\_\_ Security Code \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature and Date \_\_\_\_\_