



# Advances in the Practice of Cytopathology

Featuring “The Bedard Lectureship”

**Saturday, October 26, 2019**

**9:30 am - 4:15 pm**

London Health Sciences Centre, University Hospital, 3rd Floor Auditorium A,  
339 Windermere Road, London, Ontario, Canada, N6A 5A5



## REGISTRATION INFORMATION

### Register Online

[www.schulich.uwo.ca/pathol/research/cytopathology\\_cme\\_2019.html](http://www.schulich.uwo.ca/pathol/research/cytopathology_cme_2019.html)

### Course Fees (lunch included)

**Pathologists: \$150**

**Cytotechnologists and Residents: \$80**

**Cytotechnology Students: \$25**

**Registration closes on Friday, October 18, 2019**

### Parking

**\$14.00 a day**

Preferred sites are P4 and P3

[www.lhsc.on.ca/About\\_Us/LHSC/Maps\\_Directions/UH\\_Site\\_Map.pdf](http://www.lhsc.on.ca/About_Us/LHSC/Maps_Directions/UH_Site_Map.pdf)

## MEETING DESCRIPTION

This meeting will provide the audience an excellent opportunity to learn and share ideas with our cytopathologists and cytotechnologists. We will revisit pitfalls in cytopathology and highlight recent advances and techniques as they apply to cytopathology. At least 25% of the day will be dedicated to participant interaction.

## OVERALL LEARNING OBJECTIVES

After this educational session, participants will be able to:

1. Evaluate diagnostic approaches to complex cytological problems and pitfalls through interesting case studies.
2. Assess their knowledge and skills on the current practice of lung and mediastinal cytopathology.
3. Recognize important changes in cytopathology patterns of practice in Ontario and understand their impact on the cytopathology profession.
4. Reflect on quality improvement initiatives in your cytopathology laboratory.

## AGENDA

Morning	
9:00	<b>Registration, Refreshments</b>
9:30	<b>Welcome and Introduction</b> <i>Dr. M. Joseph, Dr. C. Zeman-Pocrnich</i>
9:40	<b>Glandular Lesions on Paps: An Approach</b> <i>Dr. M.M. Weir</i>
10:00	<b>Pitfalls in Non-GYN Cytopathology</b> <i>Dr. C. Zeman-Pocrnich</i>
10:20	<b>Infectious Disease Cytopathology</b> <i>Dr. H. Ruff (Guest Speaker)</i>
10:40	<b>Question &amp; Answer Period</b> <i>Drs. M.M. Weir, C. Zeman-Pocrnich &amp; H. Ruff</i>
11:00	<b>Refreshment Break</b>
11:15	<b>Minimally Invasive Biopsies of the Lung and Mediastinum in the Era of Personalized Medicine</b> <i>Dr. Sara Monaco (Keynote Speaker)</i> “The Bedard Lectureship”
12:10	<b>Question &amp; Answer Period</b> <i>Dr. S. Monaco</i>
12:30	<b>Lunch Break</b>
Afternoon	
1:30	<b>Validation of immunocytochemical staining and implementation of on-slide controls</b> <i>Dr. B. Wehrli</i>
1:50	<b>IQMH Patterns of Practice Survey</b> <i>Ms. T. Ashfield (Guest Speaker)</i>
2:10	<b>HPV Testing in Cervical Screening – What’s taking so long?</b> <i>Dr. C.M. McLachlin</i>
2:30	<b>Question &amp; Answer Period</b> <i>Dr. B. Wehrli, Ms. T. Ashfield &amp; Dr. C.M. McLachlin</i>
2:50	<b>Refreshment Break</b>
3:05	<b>Pathologist ↔ Cytotechnologist Feedback: A QI Initiative for Non-GYN Cytology Including Participant Interaction</b> <i>Dr. M. Joseph &amp; Ms. S. McRae</i>
3:30	<b>Cytopathology “Mini Jeopardy”</b> <i>Dr. N. Chan, Cytotechnologists &amp; Residents</i>
4:10	<b>Concluding Remarks</b>

## COURSE FACULTY

### Keynote Speaker:

**Dr. Sara E. Monaco, MD**

Associate Professor, Department of Pathology,  
University of Pittsburgh Medical Center- Shadyside Hospital, Pittsburgh, PA

### Guest Speakers:

**Dr. Heather Ruff, MPH, DO**

Assistant Professor, Department of Laboratory Medicine and Pathobiology,  
University of Toronto, University Health Network, Toronto, ON

**Tammy Ashfield, B.Sc, MLT**

Consultant Technologist, Institute for Quality Management in Healthcare,  
Toronto, ON

### LHSC Faculty, Department of Pathology and Laboratory Medicine, Schulich School of Medicine & Dentistry, Western University:

**Cady Zeman-Pocrnich, MD, FRCPC**

CPD Director, Assistant Professor

**Mariamanna Joseph, MD, FRCPC**

Professor, Division Head of Cytopathology

**Michele M. Weir, MD, FRCPC**

Professor

**Meg McLachlin, MD, FRCPC**

Professor, Program Head of Anatomic Pathology

**Bret Wehrli, MD, FRCPC**

Associate Professor

**Nancy Chan, MD, FRCPC**

Associate Professor

**Susan McRae, MLT, ART, CMIAC, M Med Sci (Cytol)**

Senior Cytotechnologist

### Mount Sinai Hospital Faculty, Department of Laboratory Medicine and Pathobiology, University of Toronto

**Joyce Kitazaki-Lee, B.Sc.(Hon), C.P.H.I.C.(C), MLT**

Senior Cytotechnologist

## PLANNING COMMITTEE

Dr. Cady Zeman-Pocrnich (CPD Director), Dr. Mariamma Joseph,  
Dr. Michele M. Weir, Ms. Susan McRae and Ms. Joyce Kitazaki-Lee

## SESSION SPECIFIC LEARNING OBJECTIVES

### Glandular Lesions on Paps: An Approach – Dr. M. Weir

Design an approach to glandular lesions in your practice; Distinguish benign mimics from abnormal glandular cells; Apply criteria for diagnostic categories

### Pitfalls in Non-GYN Cytopathology – Dr. C. Zeman-Pocrnich

Appropriately classify cytopathology specimens from a variety of Non-GYN sites by identifying key clinical features and correctly applying cytomorphological +/- ancillary study criteria; Reflect on diagnostic misses and near misses in Non-GYN cytopathology

### Infectious Disease Cytopathology – Dr. H. Ruff

Differentiate between Cryptococcus spp and Blastomyces spp; List the cytologic features of Histoplasma capsulatum on different cytopathologic preparations; Discuss best practices for identifying fungal organisms in cytopathology

### Minimally Invasive Biopsies of the Lung and Mediastinum in the Era of Personalized Medicine – Dr. S. Monaco

Describe new advances in the acquisition and reporting of cytopathological material from the lung and mediastinum, and how to maximize yield from these small biopsies for ancillary studies; Familiarize oneself with some of the morphological challenges in EBUS and lung cytology specimens, particularly in the setting of new therapies available for cancer patients; Understand some of the pitfalls in the evaluation of lung specimens and in the selection of ancillary studies in the era of personalized medicine

### Validation of immunocytochemical staining and implementation of on-slide controls – Dr. B. Wehrli

Develop an approach to the validation of immunostudies performed on cytology specimens; Understand the need for appropriate on-slide controls; Develop an approach to preparation and use of appropriate on-slide controls

### IQMH Patterns of Practice Survey – Ms. T. Ashfield

Describe general trends in specimen types, volumes, and distribution of cases in Ontario cytopathology laboratories; Outline how immunocytochemistry is being utilized in Ontario cytopathology laboratories; Describe how the cytotechnologist workforce in Ontario has changed over the last decade

### HPV Testing in Cervical Screening: What's Taking So Long? –

#### Dr. C.M. McLachlin

Describe the state of HPV testing in developed countries; Understand the current state of HPV testing in Ontario; Outline the use of HPV testing for colposcopy

### Pathologist-Cytotechnologist Feedback: A QI Initiative for Non-GYN Cytology Including Participant Interaction – Dr. M. Joseph & Ms. S. McRae

Demonstrate how to provide effective pathologist-cytotechnologist feedback as a good laboratory practice; Discuss case scenarios in Non-GYN cytopathology that warrant educational feedback; Develop future studies for evaluation of interpretive cytotechnologist-pathologist agreement in Non-GYN cytopathology as an educational and quality improvement activity

### Cytopathology "Mini Jeopardy" – Dr. N. Chan

Formulate diagnoses based on comparing and contrasting key features and applying cytopathological criteria for common and uncommon cytopathological conditions, using an interactive game-based format.

## TARGET AUDIENCE

Pathologists, Pathology Residents,  
Cytotechnologists and Cytotechnology Students.

## FOR INQUIRIES

Contact: **Cheryl Campbell**

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