



Eine Lernerfahrung A Learning Experience



**2022 MSH FALL SEMINAR
NOVEMBER 12, 2022**

FRANKENMUTH, MI

Join us!

Back in person!

**Workshops, Prizes, Exhibitors,
Networking & more!**

- 7:00 Registration Opens
Breakfast with Vendors**
- 8:00 Employee & Patient Safety: Bringing
Awareness to the Histology Lab.**
- 9:05 Equipment's Down! Wait! Can I fix it!?!?**
- 10:05 Break with Vendors**
- 10:30 Identifying the Basic Tissues**
- 12:00 Lunch and Business meeting**
- 1:05 Kidney Structure and Stain**
- 2:10 Molecular Microtomy & Routine
Troubleshooting**

5.5 CEUs

**The seminar is offered as a
hybrid experience this year!**

Join us in person!

**Can't make it to Frankenmuth,
join us on the broadcast!**

Options for everyone near or far!

**Registrants receive a free T-Shirt
courtesy of Rankin Biomedical!**

**Bavarian Inn Lodge
1 Covered Bridge Ln
Frankenmuth, MI 48734**

(844) 264-9023

www.bavarianinn.com

**\$174 standard double room,
\$184 premium double/king room**

Group Number: 13F1Z7

Discount deadline: Oct. 26, 2022

Register Online mihisto.org

Registration Cost:

**Early Bird Special – MSH Member –
\$125**

\$140 after October 26

Exclusive member discount!

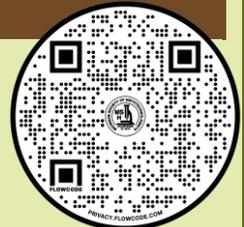
Includes honorary members.

**NAACLS Program Student Member –
\$50**

**Reduced Registration Fee for students in
accredited histology programs.**

**Non-Member –
\$160**

**Non-Member registration does NOT
include membership. Apply for
membership – then register as a
member to receive member discount!**



ABSTRACTS

We are pleased to have a group of talented speakers this year!

Each speaker is eager to share their experience and knowledge with you!



Eine Lernerfahrung
A Learning Experience

Employee & Patient Safety: Bringing Awareness to the Histology Lab.

Hristina Trpevski BS, HTL (ASCP)CM - Henry Ford Hospital

Bringing safety awareness in the histology laboratory is critical to the health of employees and patients. One study that compared histology safety from 1950 to 2007 noted, "Safety changes during this period have been dramatic, however there is still room for improvement, especially in the personnel awareness of the risks." (Buesa, 2007) Prioritizing safety not only protects employees from injury and illness, but it can also lower injury costs, reduce absenteeism and turnover, increase productivity and quality and can strengthen employee morale. This presentation will go over the hazards in the histology laboratory, as well as the standards that are in place to promote employee safety and will point participants to the tools that are available to find and resolve root causes of non-conforming events.

Equipment's Down! Wait! Can I fix it?!?

Chris Kreider and Calvin Retz - Rankin Biomedical

Most times when a machine breaks down or begins to not function properly, usually, the first move is to put your hand on the phone and call the people that can fix it. In this presentation we are going to give you some helpful tips on correcting consistent issues on some of the common machinery you will find in labs. Our intention is to make the user more comfortable putting their hands on the machine before the phone and, ultimately, saving time and money on simple repairs.

Identifying the Basic Tissues: A review of unique features, patterns and planes of section.

Amy Lynn Aulthouse, Ph.D. - Ohio Northern University, Ada Ohio (Professor, Biology)

You may be new to histology or more experienced but, after you mastered H&E staining of your specimens, do you feel confident in being able to identify the basic tissues and their subtypes without the use of special stains? There are 4 basic tissue types, epithelium, connective, muscle and nervous and each of these has unique morphological features that coincide with their function. However, the blue and pink colors of hematoxylin and eosin stained specimens are particularly problematic creating many histology 'look-alikes'. This presentation will review the morphological features of each of the basic tissue types as well as highlighting the distinguishing features of their subtypes. This knowledge should help avoid the issue of 'look-a-likes'. Lastly, the mucosa of the different body systems will be discussed with reference to epithelial tissue. Plane of section and resolution will be discussed throughout the presentation.

The Kidney: Structure, Function and Renal Involvement of COVID-19

Debbie Wood MS.Ed, HT (ASCP) - Indiana University

The kidney is the most complex structure of the urinary system. In this session we will review the structure and function of the kidney and follow the process from patient biopsy to microscopic evaluation. A discussion on the impact of histologic techniques and how it impacts patient management, special stains and renal involvement of COVID-19 are included.

Molecular Microtomy & Routine Troubleshooting

Jamie Pert, BS, HTL(ASCP)^{cm}MB^{cm} - Beaumont Schools of Histotechnology

This lecture will discuss basic Microtomy troubleshooting and Microtomy techniques for molecular studies..