

Program Schedule

8:30 am REGISTRATION

9:00 – 9:45 **Taming Your Hematoxylin**
Ada Feldman, MS, HT/HTL(ASCP), Anatech Ltd

When your hematoxylin is too wild (strong) or too timid (weak) you may believe that adjusting the staining time is the only option. The chemical interaction of hematoxylin stain with both the acid alcohol and the bluing solution affects the staining behavior on the tissue. This lecture will give you a review of these three solutions that can give us a perfect hematoxylin look when they are all playing well together.

9:45 – 10:30 **Bacteria and Humans, how far apart are they really?**

Marika Antognozzi, HTL, GI Medicine Associates

This research project utilizes the immunohistochemistry marker Msh-2, a DNA mismatch repair protein, to investigate a possible evolutionary link between bacteria and humans. Results strongly suggest that bacteria and humans share some of their DNA and that bacteria are an important source of human DNA repair genes. IHC could play an important role in further phylogenetic studies researching the origin and evolution of gene sequences.

10:30 – 10:45 **BREAK**

10:45 – 11:45 **Implementation and Outcomes of an Automated Embedding Instrument**

Roger Smith MS, HTL (ASCP)CM Spectrum Health

This presentation will outline the steps one lab took to implement the Sakura Tissue-Tek AutoTEC a120. Successes, challenges, quality metrics, and productivity findings will be discussed.

11:45 – 12:15 **Creature Feature**

Visits from Conservancy residents with lifestyle and habits explained by their handlers.

12:15 – 1:00 pm **LUNCH**

1:00 – 2:00 **The Care and Feeding of Your Microtome**
Steve Salva, Rankin Biomedical

We're all familiar with the microtome in its natural environment, but we may have grown a little lax on how to safely handle this most dangerous creature in the lab. Tips to keep our microtomes clean, healthy, and domesticated will be demonstrated. Blade angle and basic adjustments that affect microtomes behavior will be covered. Differences between species and the different training required to keep each type content and healthy will be discussed. You'll also learn to know when your microtome is not feeling well and when to call the vet.

2:00 - 2:45 **The Slippery Art of Adapting to Fish Histology**

Laura Baseler, MS, PhD, DVM, DACVP, NAMSA

This presentation will discuss anatomical differences in fish as compared to mammals, and the preservation, processing, and grossing of fish tissues. The use of special stains to detect infectious agents in fish will also be reviewed.

2:45 – 3:00 **BREAK**

3:00 - 3:30 **Creature Feature**

More visits from Conservancy residents.

3:30 – 4:30 **Get Off the Wild Ride and Tame your Jumping Monkeys**

Lisbeth O'Malley, Beaumont Health

Are you struggling with burn-out? Learn how to get off of that hamster wheel and get back to calm, and what to do to learn to say No! and reclaim your life, your balance, and your passion.

This program will provide 6.25 CEU's

Lecture Series Registration

Register online at www.mihisto.org
or complete and mail the form below

Name _____

Email _____

Address _____

I will attend:

Onsite, at the Conservancy

Online, by webcast

Registration Fee

Current MSH Member

Early Registration \$90

After Oct 23 \$120

Non-member \$140

NAACLS Program Student \$35

Make checks payable to:

Michigan Society of Histotechnologists

Mail to: Rachel Fowler, MSH Registrar

7141 Dorval Road

Kalamazoo, Michigan 49009

WILD ABOUT HISTOLOGY



**Michigan Society of
Histotechnologists**

Fall Lecture Series

November 03, 2018

The Creature Conservancy
4950 Ann Arbor-Saline Rd.
Ann Arbor, Michigan

The 2018 MSH Fall Lecture Series will take a look at the wilder side of Histology. Our speakers are bringing a variety of topics designed to tame the histology beasts in your lab.

The Creature Conservancy is a non-profit organization dedicated to bringing people and wildlife together in educational settings to inspire compassionate connections. Many of the wild and exotic creatures who live at the Conservancy are from rescue situations and injuries. During our program some of the animals will come in to visit with us and we'll also have the opportunity to visit the other residents in their habitats.

Attend onsite OR online! We're excited to launch our online webcast. If you are unable to attend our program in Ann Arbor, register to attend online and watch from your computer, laptop, or tablet!



Questions? Contact Beth Cox
Fall Lectures Coordinator
FallLectures@mihisto.org

Register online at www.mihisto.org

Beth Cox
MSH Fall Lectures Coordinator
5971 Chippewa Trail
Prescott MI 48756

