

Indiana Society for Histotechnology Spring Symposium

Histotechnology: Microscopically & Globally

March 2nd & 3rd, 2018

The Wellington Fishers Banquet and Conference Center

9775 North by Northeast Blvd.

Fishers, IN 46037

<http://thewellingtonfishers.com/>

Drinks and Food!

Join us for a reception Friday, March 2nd, 2018, from 5:30 p.m. to 7:00 p.m. in the Exhibit Area. This is a wonderful opportunity to get to know the speakers, fellow technicians, and exhibitors better and enjoy free hors d'oeuvres.

Vendors Exhibiting This Year Include:

MARSTON SAKURA Newcomer

Cancer Diagnostics - General Data - Midwest Microscopes - StatLab Medical

Thermo Fisher - Cell Marque - Genentech - BioCare

And Many More!

Hotel Reservations

Hilton Garden Inn 4.3 rating

9785 North by Northeast Blvd.

Fishers, IN 46037

317-577-5900

Hotel Room Rates: \$129.00 plus tax.

Rates in effect until February 2, 2018

When making a reservation, please identify yourself as an attendee of ISH (Indiana Society for Histotechnology Symposium).

AmericInn Hotel & Suites 4.1 rating

9780 N by NE Blvd

Fishers, IN 46037

(317) 578-9000

Holiday Inn Express 3.7 rating

9791 N by NE Blvd

Fishers, IN 46037

(317) 558-4100

Baymont Inn & Suites 3.6 rating

9790 N by NE Blvd

Fishers, IN 46037

(317) 348-2376

Studio 6 2.7 rating

8250 N by NE Blvd

Fishers, IN 46037

(317) 913-1920

Parking is available adjacent to the hotel.


Additional hotel information may be obtained by visiting the state society's website at www.IndyHisto.org

Attendees of workshops and seminars are eligible for continuing education credits.

**Don't Forget Histotechnology Professional's Day is
March 10th!**

Program and Abstracts

Friday March 2nd, 2018

7:15 AM	Registration Desk Opens
8:00 – 12:00 Seminar 1 (Including breaks)	<u>IHC Antibody Mystery (3 hours)</u> <i>Misty Lackey, B.S.</i> <i>Strategic Account Manager</i> <i>Cell Marque/Millipore Sigma</i> A diagnosis is a lot like solving a mystery, with immunohistochemistry supplying some of the most helpful clues. Join us as we discover and learn the key antibodies for a variety of different tumor types to help identify the mystery diagnosis in a series of patient case studies. We will identify staining characteristics and diagnostic utilities for each antibody, as well as learn how and why pathologists order these antibodies alone and/or in a panel. Attendees will learn about the relationship between different tumors and what immunohistochemical characteristics help differentiate them by learning how to use antibody flow charts and panels. There will be frequent opportunities to answer quiz questions with patient case studies from the course material to earn prizes. Attendees will have the opportunity to create their own Antibody Cheat Sheet for continued quizzing at home and reference in the future.
9:00-9:30	Break with Vendors
10:30-11:00	Break with Vendors
12:00 – 1:30	<u>12:00 – 1:30: General Membership Meeting Lunch</u> (Provided with registration.)
1:30 – 5:30 Seminar 2 (Including breaks)	<u>Digital Pathology for the Histotech - A Guide for Implementation</u> <i>Elizabeth Chlipala, BS, HTL(ASCP)QIHC</i> Premier Lab This workshop will cover how to set up, validate and implement whole slide digital scanning and image analysis in both the clinical and research environments. It will discuss how the importance of standardization and overall quality of histology preparations is to the success in implementation of digital pathology. This workshop will provide tools, workflow standardization guidelines, and training and competency requirements for both routine and specialized samples. It will discuss the positive aspects of this vital technology, and how we as histotech's can use this technology to track and improve on the overall quality of routine, special and IHC stains.
2:30 – 3:00	Schedule Break with Vendors
4:00 – 4:30	Schedule Break with Vendors
5:30 – 7:00	<p style="text-align: center;"> Receptions with Vendors The Wellington Fishers Banquet and Conference Center  </p>

Saturday March 3 rd , 2018	
7:15 AM	Registration Desk Opens
8:00– 12:00 Seminar #3 (including breaks)	<p>Approaches to Immunohistochemistry Protocol Development and Troubleshooting <i>Elizabeth Chlipala, BS, HTL(ASCP)QIHC</i> Premier Lab</p> <p>Although immunohistochemistry (IHC) is a powerful tool for detecting and localizing expression of specific proteins in tissues, protocol development and troubleshooting require an in-depth understanding of the staining process. Since the binding reaction between each antibody and its specific epitope is unique, there is no universal protocol that works for all antibodies on all tissues in all species. For this reason, IHC protocol development should be carefully documented and follow a detailed process. This not only helps establishes clean and accurate staining, but also standardizes and validates the staining interactions between the antibody, control tissues (positive and negative) and the reagents used to detect the antibody. This approach ensures that the final staining protocol is optimized for its intended use and provides staining that is as accurate and consistent as possible. During this session, we will give a general description of the fundamental concepts of IHC staining, discuss a detailed method for developing reliable IHC staining protocols, and present useful approaches to troubleshooting. Topics will include: how to research and select the right antibody and control tissues, comparison of different detection systems, protocol optimization and troubleshooting options, and proper documentation and record keeping. This workshop contains multiple references and examples of techniques and troubleshooting in animal tissue, but principles introduced are also applicable to human IHC protocol development and troubleshooting.</p>
9:00-9:30	Break with Vendors
10:30-11:00	Break with Vendors and Door Prize Giveaway
12:00-12:30	Lunch Provided
12:30-2:30 Seminar #4	<p>Offering Histotechnology Training Outside of North America (Tanzania & Haiti) <i>Speakers: Diane Sterchi & Donna Brown</i></p> <p>Exploring the world and training others is an unbelievable experience. Many of us do not realize the opportunity of volunteering your time to the much-needed training of technicians in histotechnology. Anatomical pathology is not easily available in most of the remote countries. This area of the laboratory is needed for proper diagnosis and treatment and most hospitals in African countries do not have trained and functional laboratory personnel. Finding trained Pathologists and Histotechnologist is a never-ending battle. Diagnoses can take up to 3 months to obtain and patients may miss the early diagnosis deadline for any treatment and may die from a <u>treatable</u> illness. We will take you on a tour of the two cities and how we are working to help those hospitals develop and maintain a viable anatomical pathology department. We hope to spark your interest and have you think about volunteering your expertise around the world.</p>
2:30-4:30 Seminar #5	<p><u>HT/HTL Review (2 hours)</u> <i>Carol Bain DVM., HTL (ASCP)</i> <i>Education Coordinator, Indiana University</i></p> <p>The goal of this workshop is to give the registry eligible candidate and seasoned histotechnologists an overview/review of the HT (ASCP) computer-adapted testing process. A general overview of the sub-test areas will be covered and advice and resources will be given to help the exam candidate to manage study material and time accordingly. A study guide containing criteria published by the Board of Registry will be provided as well as a list of resources and study tips to facilitate an organized method of study. The seasoned technologist are welcomed to provide information on how their labs are currently doing those processes.</p>