

THE NATIONAL SOCIETY
FOR HISTOTECHNOLOGY



PRESENTS THE

2018

WEBINAR SERIES FOR LABS

Group Learning - Unlimited number of participants for one fee

Earn CEU's - One contact hour per attendee per session

Archive Sessions - A recording of purchased webinars are available in case you miss the live session or to train new staff. You and your lab can earn contact hours up to two years from the live air date.

Registration Fees: \$150.00 per session and includes all materials, login instructions, archived recordings, and contact hours.

Affordable Education - Order the 12 month series for only \$1595 by January 23, 2018. A savings of over \$200.00!



2018 WEBINAR SERIES FOR LABS

JANUARY 24 – Antibody Reproducibility: It's NOT the Fault of the Antibodies!

David Lee Friedman, PhD, GlaxoSmithKline, Collegeville, PA

This webinar will present a 5-step program to reproducible immunohistochemistry. This includes: (1) Proper Selection and Use of External Standards, (2) Assessing Sample Integrity, (3) Automation versus Manual Assays, (4) Antibody Variation, and (5) User Training.

FEBRUARY 28 – Facing Difficult Conversations

Lisbeth A. O'Malley, BA, Employee Development Specialist, University of Michigan, Ann Arbor

We all face serious, crucial conversations. We need to learn the methods of making the conversation safe for us as well as the other people involved. Basic skills to help will be taught in this session.

MARCH 28 – Troubleshooting IHC

Debra Horton, MT(ASCP), QIHC(ASCP), University Hospital, Birmingham, AL

Knowing how to troubleshoot a staining issue can be the biggest hurdle for most technologists. What you need to do and where to start can be a big question once you have looked at your slides, and the answers may not always be the same depending on the circumstances. This webinar will demonstrate how to troubleshoot poor quality staining and go step by step to come up with the best solution.

APRIL 25 – A Greener Approach: Xylene Free Tissue Processing

Polina Aukon, BS, Midwestern University, Glendale, AZ

This webinar aims to shed more light on a not-so-traditional approach to processing. It will review real case study of the decision and use of xylene free tissue processing using isopropyl on a conventional processor at Midwestern University.

MAY 23 – Biopsy Protocol that Eliminates Soaking

Priscilla Garcia, HT(ASCP), QIHC(ASCP), Miraca Life Sciences, Irving, TX

Over-processing of biopsy specimens in histology is a common obstacle that has a downstream effect on section quality, IHC and TAT. This webinar will discuss a 3 month project, triggered by an article in the NSH Journal of Histotechnology that used a 30 minute protocol, using 3000 GI samples to see if this could be implemented. This resulted in a dramatic absence of section shattering (little or no soak), sharper IHC and FISH quality and substantial decrease in TAT.

JUNE 27 – CAP Inspection, Now What?

Jeremy Johnston, BS, HT, QIHC, Northwest Pathology, Bellingham, WA

After your lab is inspected, what happens next in the process? The CAP Inspection can feel like a daunting process and this webinar hopefully will quell any potential fears or anxiety around the process. The more informed you are with how the process works, the more you will be set up for success. Not every inspection goes well and we will discuss the scope of how to address each of these situations. Lastly, this webinar aims encourage the listeners to not settle for status quo but capitalize on the momentum generated in the lab inspection and take your lab to the next level!

JULY 25 – Single-Molecule RNA In Situ Hybridization Assays for The Detection Of mRNA, ncRNA, And Exon Junctions in FFPE Tissues

Courtney Anderson, PhD, Advanced Cell Diagnostics, Newark, NJ

RNA is a key biomarker of the dynamic gene expression changes occurring in cells and tissues. Compared to techniques that analyze bulk tissue, identifying RNA expression at the single cell level within the morphological context provides valuable spatial information on gene expression. In this webinar we will present the advanced single-cell, single-molecule RNA in situ hybridization (ISH) technology RNAscope. We will discuss the technology, how to perform the assay, how to analyze and quantify the results, and provide multiple applications of the technology in both academic and clinical research settings.

AUGUST 22 – Safely Managing Flammable Materials in the Laboratory

Maureen Doran, MS, HTL(ASCP), Saffron Scientific Histology Services, Carbondale, IL

Fire and explosion hazards of flammable and combustible materials exist in histology laboratories. The safe handling of these materials requires an understanding of the hazards and procedures needed to minimize the risk. This presentation will discuss the OSHA, NFPA and EPA guidelines used for defining and classifying flammable/combustible materials. These guidelines will help define the storage and dispensing requirements for our facilities. Safety precautions that include PPE, engineering controls, disposal and emergency procedures will be discussed.

SEPTEMBER 19 – Cryostaining Muscle Tissue for Enzymes

Susan Plaza HT, QIHC, US Dermatology Partners, Tyler, TX

This webinar will discuss the process of collection, preparation, cryosectioning and staining muscle tissue for enzymes. It will discuss the background of why fresh muscle is required, and will also touch on pathological indicators give the histologist a more in depth understanding.

OCTOBER 24 – It's Just a Hematoxylin and Eosin Stain, Why is It So Hard to Get Right?

Debra Siena, HT(ASCP),QIHC, StatLab Medical Products, McKinney, TX

This webinar will review the basic principles and guidelines for proper Hematoxylin and Eosin Staining so that when or if things go awry the techs will not be pulling their hair out but will be able to confidently and quickly get to the bottom of the issue. A brief history of H&E will be covered; a look into what pre-analytical processes could affect the H&E stain; and review some Quality Control and Quality Assurance procedures that will enable the laboratory to consistently deliver the highest quality H&E stain on a daily basis.

NOVEMBER 28 – Analyzing Tumor Cells for PD-L1 by IHC

Sherita Meyer-Gausen, MD Anderson Cancer Center

PD-L1 is a protein that allows some cells to escape an attack by the immune system. Analyzing tumor cells for PD-L1 by IHC helps determine if patients will benefit from immune checkpoint inhibitors. This webinar will discuss this protein and will include IHC technique, clinical features, challenges and issues.

DECEMBER 19 – Mechanics of IHC Paraffin Embedded Sections

Patricia Lewis, HT(ASCP), Monarch Histology Services, LLC, Alachua, FL; Brian Tapp, MS,HTL,QIHC, Alizee Pathology, Thurmont, MD; Jonathan Cowart, PhD (C), Aquatic Animal Health Program, University of Florida

This webinar will cover determining if an antibody will be reactive based on sequence homology. Selecting the appropriate antigen retrieval solutions, antibody diluents, blocking reagents, and detection systems needed depending on the antibody and target species. In addition, this we will also cover specialized techniques for melanin bleaching and multiplex staining.

2018 Webinar Registration Information

How Does it Work?

NSH lab webinars are a great, inexpensive way to provide continuing education to a large number of employees. The cost for each session is the same regardless of the number of attendees. The one hour session is usually held the fourth Wednesday of the month, beginning at 1:00 PM Eastern Time. Occasionally, due to holidays, it may be the third Wednesday of the month.

What Do I Need to Participate?

To participate you will need a computer with speakers or a telephone for the audio portion and a computer with an internet connection to view the presentation. Please note you may not use the purchased login information at multiple locations of your organization. Only one site may use the login for the live event. If you have additional sites interested in a webinar, they must register.

Do These Sessions Qualify for Contact Hours?

Attendees receive one (1) contact hour for participation in a session. An archived version of the session is also provided to each participating lab about 1 week following the live event. **Individuals unable to participate on the day of the session can still earn one contact hour by watching the recorded session.** This method of earning contact hours is valid for two years from the original date of the session.

2018 Webinar Registration Form

Step 1: Site Coordinator Contact Information

Source Code: WEBDL

Site Coordinator: _____ Organization: _____

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Step 2: Select Your Sessions

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Option 3: Register on-line at www.nsh.org