

2008 SYMPOSIUM

BOULDER



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Location: Millennium Harvest House
1345 28th Street
Boulder, CO 80302
(303) 443-3850

Registration: Friday: 12:00 - 1:00
Saturday: 7:00 - 8:00

Exhibitors: Friday: 2:00 - 5:00
Saturday: 10:00 - 4:30

Friday, April 11th

12:00 - 1:00 Registration
1:00 - 2:30 Class 1-A or 1-B
2:30 - 3:00 Break in the exhibitor area
3:00 - 4:30 Class 2-A or 2-B
7:00 - 10:00 Social

Saturday, April 12th

7:00 - 8:00 Registration
8:00 - 9:30 Class 3-A or 3-B
9:30 - 10:00 Break in the exhibitor area
10:00 - 12:30 Class 4-A or 4-C
11:30 - 1:30 Lunch/CSH business meeting
1:30 - 3:00 Class 5-A or 5-B
3:00 - 4:30 Class 6-A or 6-B

Deadlines:

Hotel Reservations - March 11, 2008
CSH Pre-registration - April 1, 2008

BOULDER

- Base elevation 5,430 feet.
- Population 91,685
- University of Colorado
- Pearl Street Mall

SESSION 1: FRIDAY AFTERNOON, APRIL 11, 2008**1:00 PM - 2:30 PM, Presentations****1-A.) Grow your own HT**

Ms. Stacey Langenberg, HT (ASCP) QIHC - North Colorado Medical Center, Greeley, CO

In today's laboratory, setting it is getting harder and harder to obtain highly trained histologists. This workshop will delve into how to obtain and train your very own histologists in the ways of your laboratory and department. We will discuss: "Planting" a seed by visiting local High schools and Colleges. "Weeding" out the perfect candidate(s) "Nurturing" the growing HT with education and tender loving care. Watching your HT grow into a wonderful and dedicated histologist.

1-B. THE Transitioning Paradox of Change in Histotechnology

Mr. H. Skip Brown, B.A., HT (ASCP), Applications Manager - McCormick Scientific, St. Louis, MO.

A paradox is defined as, 'something that is seemingly contradictory or opposed to common sense, and yet perhaps it is true'. In the world of Histotechnology, particularly in hospital health care, we see this 'paradox' continually played out on a day to day basis. Commonsense dictates that, in the midst of a shortage in staffing, cut backs in equipment budget, and elimination of funding for continued development (C.E.U.), there is no way to continue to increase work volume and productivity without having a compromise to quality, moral, and employee retention. Yet these are the challenges that the changes in health care present to the histotechnologist on a daily basis. It is a paradox that is always in transition in the industry. This workshop will illustrate the transition in Histotechnology in operations and technology over the years, along with changes in education and training. Through lecture and interactive breakout sessions participants will learn to understand the common reactions and anxiety associated with change resulting in rust and/or burn-out. Understanding that change is inevitable, participants will learn solutions to managing and championing change towards a positive outcome. A principle focus of this workshop will be the absolute necessity of continuing to move 'with' the current of change in their lives through continued growth and development.

2:30 PM - 3:00 PM, Break**3:00 PM - 4:30 PM, Presentations****2-A. Mammary and Colon Wholemout Image Analysis**

Mr. John McGinley, HTL (ASCP) — Colorado State University, Fort Collins, CO.

Tissue whole mounts offer researchers the unique ability to visualize gross architecture of cancerous and pre-cancerous pathologies. In addition, when prepared correctly, they have the potential to be utilized as a screening tool for evaluating the efficacy of various chemopreventive compounds. A rat dual model of mammary and colon carcinogenesis will be presented. Participants will be shown a variety of techniques starting with correct preparation of whole mount tissue at necropsy, fixation, processing, staining, composite tiled image capture and analysis using Image Pro Plus.

2-B. Managing Change (cont.)

Mr. H. Skip Brown, B.A., HT (ASCP), Applications Manager - McCormick Scientific, St. Louis, MO.

7:00 - 10:00 PM, Social**SESSION 2: SATURDAY MORNING, APRIL 12, 2008****8:00 AM - 9:30 AM, Presentations****3-A. CISH**

Ms. Diane Miller, Clinical Technical Sales Specialist - Invitrogen, Carlsbad, CA.

This lecture will review DNA dogma and how it applies to CISH. Some labs don't have a fluorescent scope and still want/need to do in-situ staining, which usually has a fluorescent label (FISH). The CISH application can be viewed under a brightfield microscope utilizing DAB as the label for many probes, i.e.; Her2, Chromosome 17, EGFR, HPV, HSV, EBV, CMV and EWS (Ewing's Sarcoma), to name a few. Technique, instrumentation and protocols will be discussed with handouts. Each institution attending the lecture will receive an amplified slide which is archival, to take back to their pathologist.

SESSION 2: SATURDAY MORNING, APRIL 12, 2008**3-B. - Small Specimen Management**

Mr. H. Skip Brown, B.A., HT (ASCP), Applications Manager - McCormick Scientific, St. Louis, MO.

In the recent decade clinical pathology has experienced a shift in histopathology specimen submission from large tissues to smaller, more biopsy oriented materials. This shift has necessitated the focus on and development of special techniques for handling, sectioning, staining, and microscopy. This workshop will illustrate the changing trend in hospital labs towards smaller biopsies and discuss methodologies developed to manage even the smallest tissue specimen. Specimen such punch, needle, G.I., and bone marrow biopsies will be covered with special emphasis on embedding, microtomy, and tissue orientation/mounting on slide. Communication between the gross room technician, embedder and microtometist is imperative in small specimen management and participants will learn how to integrate this team effort into their quality assurance protocol. Micro-Technique associated with minute biopsies and other small tissue specimen, from gross handling, to specimen containment, to microtomy, and staining will be viewed via graphic and digital imagery. At the end of this session participants will understand how to set up a risk management system to maintain sample integrity of small specimen as well as the importance of sample retention in case future studies are required.

9:30 AM - 10:00 AM, Break

10:00 AM - 11:30 AM, Presentations

4-A. CISH (cont.)

Ms. Diane Miller, Clinical Technical Sales Specialist - Invitrogen, Carlsbad, CA.

4-B. Small Specimen Management (cont.)

Mr. H. Skip Brown, B.A., HT (ASCP), Applications Manager - McCormick Scientific, St. Louis, MO.

11:30 AM - 1:30 PM Lunch & CSH Business Meeting

SESSION 3: SATURDAY AFTERNOON, APRIL 12, 2008

1:30 PM - 3:00 PM, Presentations

5-A. QDOTS

Ms. Diane Miller, Clinical Technical Sales Specialist - Invitrogen, Carlsbad, CA.

Quantum Dots can be utilized to perform multiplex staining using UV light and other IF filter sets. We will cover the basics as to what QDots are, how to conjugate with primary antibodies, and QDot secondary antibodies. Reviewing excitation and emission qualities and how to pick the correct QDot for low and high abundance staining. Protocols for FFPE sections, frozen sections and cell culture staining with QDots will be discussed and handouts provided. Troubleshooting will be discussed. This is for manual protocols only, no instrumentation will be involved. Due to their properties QDots even though fluorescent have maintained their signal for up to 3+ years and are archival.

5-B. Working up a new antibody, Optimizing.

Ms. Terry Murphy, Senior Field Support Specialist - Leica Biosystems

This presentation will give you an approach on what to do with a new and unfamiliar antibody. Some of the concepts are: Why do you run certain antibodies? What is the staining pattern? Reading data sheets. How do you decide on a control, dilution, or pretreatment. What to do if it doesn't work. Validation.

3:00 PM - 4:30 PM, Presentations

6-A. QDOTS (cont.)

Ms. Diane Miller, Clinical Technical Sales Specialist - Invitrogen, Carlsbad, CA.

6-B. Presentation sponsored by Dako

Ms. Karen Atwood, Technical Service Representative - Dako

RESERVATIONS

If you intend to stay at the hotel it is strongly recommended that you make your reservation as soon as possible. All vacancies will be dropped after March 11th at which point there will be no guarantee of securing a room.

On-Line: The following link will enable guests to make reservations via the internet:

<http://reservations.synxis.com/LBE/rez.aspx?Hotel=11538&Chain=5303&lang=1&group=HISTO>

Room Options	Group Rate
Standard Single/Double Room	\$129.00
Superior Room	\$159.00
High-Speed Internet Access available in all Meeting Rooms and guest rooms. Breathtaking views of the Flatiron Mountains Adjacent to the vibrant new Twenty Ninth Street Shopping District Minutes away from the popular Pearl Street Pedestrian Mall, a unique mix of restaurants, book-stores, boutiques and sidewalk cafes.	

Website: <http://www.millenniumhotels.com/boulder> (guests can enter the group code **HISTO** where prompted)

E-Mail: Guests may e-mail their reservation request to millboulderres@mill-usa.com

Fax: Guests may fax their reservation request to (303) 443-1480 using the attached fax information page.

Telephone: Guests may call the hotel toll free at (800) 545-6285



GUEST RESERVATION REQUEST

TO:	Reservations Department	FROM:	
FAX:	303-443-1480	PAGES	
PHONE:	800-545-6285	DATE:	
RE:	RESERVATION REQUEST	CC:	

GROUP NAME:	Colorado Society of Histotechnology Spring Symposium		
GUEST NAME:			
ADDRESS:			
PHONE NUMBER:			
ARRIVAL DATE:			
DEPARTURE DATE:			
ROOM TYPE PREFERENCE:			
CREDIT CARD NUMBER:			
EXPIRATION DATE:		CREDIT CARD TYPE:	

All reservations must be guaranteed for arrival with a valid credit card or one night's room and tax deposit received no later than five (5) business days after reservation is made. The cancellation policy for this group is 24 hours before the scheduled arrival date. To avoid cancellation fee equal to one night's room and tax, you must cancel your reservation 24 hours before the scheduled arrival date.

Room type preferences including smoking or bedding may be requested but are **not** guaranteed. We will do our best to honor guest requests, but they are based upon availability at time of check-in.

Check in time is 3:00pm and check out time is 12:00pm. Guests must present a valid photo ID at check in. We accept cash, check and major credit cards. For your protection, we do not accept debit cards at the front desk. There is an ATM conveniently located in our lobby.

For Reservations Department Use Only:

Confirmation Number: _____ Agent: _____ Date: _____

MAPS & DIRECTIONS



DIA to Millennium Harvest House in Boulder

- From Denver International Airport, take Pena Blvd to the E-470 Tollway North, Exit 6B toward Fort Collins (approx. 4 miles).
- Merge onto E-470 North (Portions toll).
- E 470 North becomes Northwest Parkway West (Portions toll).
- Northwest Parkway West becomes Storage Tek Drive. (approx 18 miles)
- Merge onto US-36 West. (approx 9 miles)
- US-36 West turns into 28th Street and will take you into Boulder.
- The Millennium Harvest House Boulder is on the left side of 28th Street, just past Colorado Avenue and before Arapahoe Avenue.



SHUTTLE SERVICE TO AND FROM DIA

Airport Transportation Information - Super Shuttle (303-227-0000) - Hourly departures from DIA to Boulder from 7:10am to 11.10pm.

2008 CSH COMBINED MEMBERSHIP RENEWAL AND MEETING REGISTRATION FORM

Name: _____

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Employer: _____

Work Address: _____

City: _____ State: _____ Zip: _____

Work Phone: (____) _____ Work Fax: (____) _____

Email: _____

Home address: _____

City: _____ State: _____ Zip: _____

Home Phone: (____) _____

Fees: Membership renewal for 2008-2009 is \$20.00



\$35.00 per session for new or renewed members. Note: A \$20.00 membership/renewal fee must be added to the total in order to receive the discount rate of \$35.00 per session. Details regarding the membership policy can be found on our website at www.coloradohisto.org.

Max charge new or renewed members = \$125.00 (3 session @ \$35.00 + \$20.00 membership)

\$50.00 per session for non-members

Max charge non-members = \$150.00 (3 sessions @ \$50.00)

New or Renewed Member \$35.00/session	Non-Member \$50.00/session
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Please check the box next to the presentation(s) you wish to attend.

Session 1	1:00 - 2:30 <input type="checkbox"/> 1-A or <input type="checkbox"/> 1-B	\$ _____	\$ _____
	3:00 - 4:30 <input type="checkbox"/> 2-A or <input type="checkbox"/> 2-B		
Session 2	8:30 - 10:00 <input type="checkbox"/> 3-A or <input type="checkbox"/> 3-B	\$ _____	\$ _____
	10:30 - 12:00 <input type="checkbox"/> 4-A or <input type="checkbox"/> 4-B		
Session 3	1:30 - 3:00 <input type="checkbox"/> 5-A or <input type="checkbox"/> 5-B	\$ _____	\$ _____
	3:00 - 4:30 <input type="checkbox"/> 6-A or <input type="checkbox"/> 6-B		

Membership Renewal: \$20.00 \$0.00

Total: \$ _____ \$ _____

Please mail the completed form and funds to:

CSH Registrar:
c/o John McGinley
2509 Manet Ct
Fort Collins, CO 80526



Wk Ph:(970) 491-3041 Fax: (970) 491-3542
Email: john.mcginley@colostate.edu

- Enclosed is my check for: \$ _____
- Pre-registration only. Funds to follow or will pay the day of the meeting.
- I am unable to attend the meeting, but would like to join or renew my CSH membership for 2008-2009.

Online registration available at www.coloradohisto.org

CSH Federal
Employee Tax ID
84-0942493

COLORADO SOCIETY OF HISTOTECHNOLOGY

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INSIDE...
2008 CSH
SYMPOSIUM
INFORMATION,
REGISTRATION
AND
MEMBERSHIP
RENEWAL

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2509 Manet Ct
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