

2016 SYMPOSIUM

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SYMPOSIUM IN BRECKENRIDGE



Location: Beaver Run Resort
620 Village Road
P.O. Box 2115
Breckenridge, CO 80424
800-265-3560
www.beaverrun.com



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

Exhibitors: Friday: 2:00 - 6:30
 Saturday: 10:00 - 4:30

Friday, May 13th

12:00 - 1:00 Registration
 1:00 - 2:30 Presentation 1
 2:30 - 3:00 Break in the exhibitor area
 3:00 - 4:30 Presentation 2
 4:30 - 6:30 Social in the exhibitor area

Saturday, May 14th

7:00 - 8:00 Registration
 8:00 - 9:30 Presentation 3 or 4
 9:30 - 10:00 Break in the exhibitor area
 10:00 - 11:30 Presentation 4 (cont.) or 5

11:30 - 1:00 Lunch in Exhibitor Area/CSH business meeting

1:00 - 2:30 Presentation 6 or 7
 2:30 - 3:00 Break in the exhibitor area
 3:00 - 4:30 Presentation 8

Deadlines:

Hotel Reservations - April 12, 2015
 CSH Pre-registration - May 6, 2015

Register online

www.coloradohisto.org/reg.aspx

BRECKENRIDGE

- Base elevation 9,600 feet
- Founded 1859.
- Population 4,648
- 97 Restaurants & Bars
- 219 Shops/Boutiques

FRIDAY AFTERNOON, MAY 13, 2016**1:00 PM - 2:30 PM, Presentations****1. Immunology Basics and Antibody Production for IHC (1.5 CEU credit)**

Dr. Jason Ramos, Ph.D., Biocare Medical

This overview of immunology is designed to ensure all participants have a concrete understanding of the biological principles of immunology, how antibodies are made in cells, and the implications of cellular protection on diseases and cancer. Recent developments in the fields of cell biology and immunology will be highlighted to build upon knowledge attendees may already possess. Antibody production and isolation for IHC purposes will also be discussed, focusing on the benefits and limitations of monoclonal and polyclonal antibodies. All of the topics covered will be tied back to the IHC laboratory and protocol to improve basic immunological and IHC-specific knowledge.

2:30 PM - 3:00 PM, Break

3:00 PM - 4:30 PM, Presentations**2. A Day in the Life of a Forensic Pathologist (1.5 CEU credit)**

Dr. Kelly Lear-Caul, M.D., Arapahoe County Coroner

This presentation will give a background of the practice of forensic pathology and the state of the background of the medical examiner and coroner systems (and the difference between the two), the differences between hospital autopsies and forensic autopsies, finishing with some interesting case examples to illustrate the daily workload and case flow.

4:30 - 6:30 PM, Social

SATURDAY MORNING, MAY 14, 2016**8:00 AM - 9:30 AM, Presentations****3. IHC Diagnosis of Blue Round Cell Tumors (1.5 CEU credit)**

Dr. Jennifer Black, M.D., Children's Hospital

Several pediatric tumors belong to the small round blue cell tumor classification. These tumors may require specific treatment paths to best care for the patient. This presentation will discuss why it is important to determine a differential diagnosis for these tumors and use immunohistochemistry to determine the diagnosis.

4. Molecular Biology Principles and Techniques for the Histotech Molecular Biology (3.0 CEU credit)

Jason Ramos, Ph.D., Biocare Medical

Molecular pathology is often a less familiar entity for those accustomed to IHC and proteins. This seminar is intended to provide a comprehensive overview of basic molecular biology to offer a better understanding of the applications and diagnostic relevance of molecular pathology. A review of the scientific principles of molecular biology will be conducted. This will include understanding the transcription and translation processes. Different molecular techniques from PCR to ISH will be covered. The pros and cons of these techniques will be discussed, including which molecular techniques and methods are best suited for diagnostic, screening or treatment assessment purposes. The presentation will also look at the future for molecular pathology, and discuss routes for personalized medicine.

9:30 AM - 10:00 AM, Break

SATURDAY MORNING, MAY 14, 2016

10:00 AM - 11:30 PM, Presentations

4. Molecular Biology Principles and Techniques for the Histotech (3.0 CEU credit) Continued...

Dr. Jason Ramos, Ph.D., Biocare Medical

5. Histologic and Immunohistochemical features of Breast Cancer (1.5 CEU credit)

Dr. Josh Wissell, M.D. University of Colorado

Histology plays a critical role in the diagnosis and treatment of breast cancer. In this presentation, we will discuss how pathologists use the tests performed in the histology lab to discern tumor type, grade, and stage.

11:30 PM - 1:00 PM Lunch & CSH Business Meeting

SATURDAY AFTERNOON, MAY 14, 2016

1:00 PM - 2:30 PM, Presentations

6. Antibody Mystery (1.5 CEU credit)

Ms. Lauren Hobson, Cell Marque

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.

7. Placental Pathology: The Value of Quality Gross Examination and Histology in Poor Pregnancy Outcomes (1.5 CEU credit)

Dr. Wes Tyson, M.D.

Placental pathology is invaluable in understanding poor pregnancy outcomes. With the many known placental lesions associated with poor pregnancy outcome, quality gross evaluation and histologic preparations are of utmost importance in understanding the placental component of the pregnancy outcome. Quality histologic preparations, including special stains, is the only way the pathologist can aid the family and care givers when an adverse outcome occurs. The talk will include basic placental pathophysiology, grossing techniques, value of quality histology, correlation with clinical history, and case examples of placental pathology aiding in the understanding of an unexpected pregnancy outcome.

2:30 PM - 3:00 PM Break

3:00 PM - 4:30 PM, Presentations

8. Prevention and Mitigation of Overuse Injuries Experienced in the Histology Lab (1.5 CEU credit)

Dr. Brenden Matus, M.D. and Dr. Gabriel Pepper, M.D. – University of Colorado, Occupational Health Residency Program

Histotechnologists are exposed to a unique and varied set of health hazards, not the least of which are overuse injuries. This presentation will address the background of these injuries while discussing the prevention and mitigation of conditions through ergonomics and therapeutic exercises.

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 April 12th at which point there will be no guarantee of securing a room.

Guest rooms can be reserved by calling Beaver Run Resort at 800-265-3560 or
<https://bookings.ihotelier.com/bookings.jsp?groupID=1523641&hotelID=97052>

Double Room \$99—\$129.00

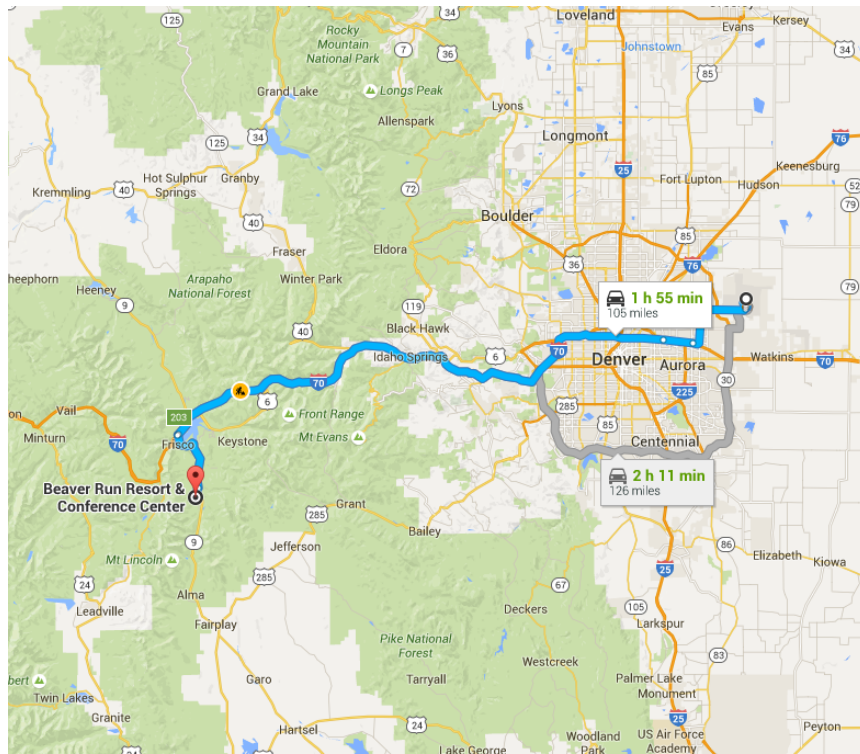
Check-in/Check-out:

Check-in begins at 4:00 PM.

Check out time is 11:00 AM.



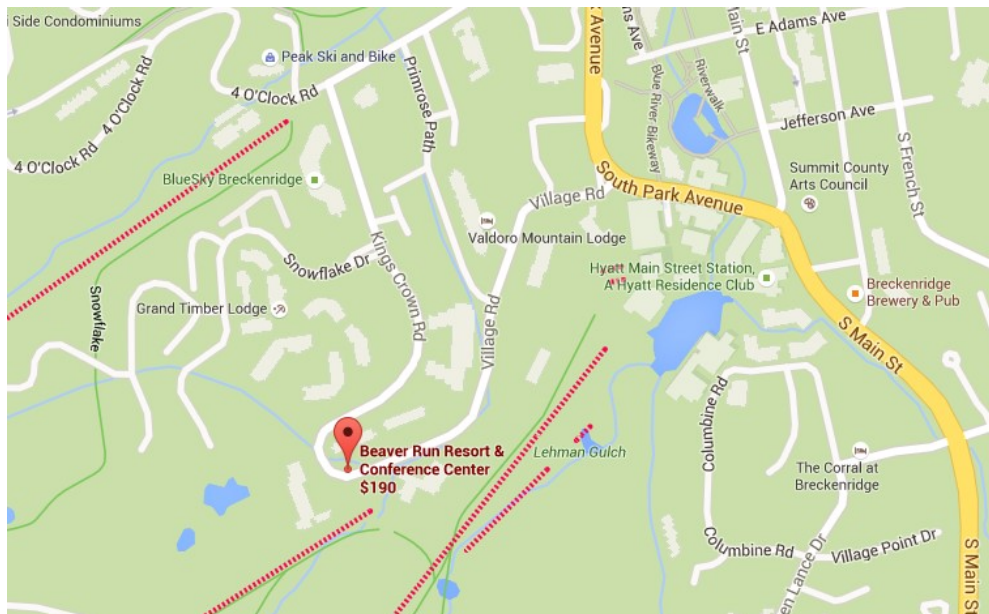
MAPS & DIRECTIONS



DIA to Beaver Run Resort

- Follow Peña Blvd and I-70 W to CO-9 S in Summit County. Take exit 203 from I-70 W
- Follow CO-9 S to Village Rd in Breckenridge

Google Map



2016 CSH COMBINED MEMBERSHIP RENEWAL AND MEETING REGISTRATION

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Note: CSH is no longer accepting registration by mail or fax.

Please register online at www.coloradohisto.org/reg.aspx

CSH is also changing the pricing structure this year. In the past, attendees have been charged by session, e.g. Friday afternoon, Saturday morning or Saturday afternoon. We are pleased to announce that attendees can now pay by individual presentation.

Members: \$25.00 per presentation (1.5 CEU credit hours)

Non-members: \$50.00 per presentation (1.5 CEU credit hours)

Fees: Membership renewal for 2016-2017 is \$30.00

Note: A \$30.00 membership/renewal fee will be added to the total in order to receive the discount rate of \$25.00 per presentation. Details regarding the membership policy can be found on our website at www.coloradohisto.org.

*Please note that 3.0 CEU credit hour presentations are double the rate, e.g. \$50.00 for members and \$100.00 for non-members



Credit card payments are preferred and can be made using the PayPal Pay Now buttons on our website at www.coloradohisto.org/payment.htm



If you are paying by check please make the check payable to:

Colorado Society of Histotechnology

Please mail checks to the following address:

CSH Registrar:

c/o John McGinley

1318 Patterson Pl.

Fort Collins, CO 80526



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Employee Tax ID
84-0942493

COLORADO SOCIETY OF HISTOTECHNOLOGY

President

Mr. Phillip Faulkner
University of Colorado Prostate
Diagnostic Lab
12801 E. 17th Ave, mail stop 8104
PO Box 6511, RC-1 South room 5100
Aurora, CO 80045
Ph: 303-724-3774
philip.faulkner@ucdenver.edu

Vice-President

Mr. Matt Brown
Ameripath
6750 W. 52nd Ave, Suite F
Arvada, CO 80002
dmattbrown@gmail.com

Secretary & Program Chair

Ms. E. Erin Smith
UC Denver Pathology
12800 E. 19th Ave., P18-5404G
Aurora, CO 80045
Ph: 303-724-3775
elizabeth.e.smith@ucdenver.edu

Treasurer

Ms. Magdalena Glogowska
University of Colorado
12801 E 17th Ave, Rm L18-8403H, Box
8117
Aurora, CO 80045
Ph: 303-724-2546
magdalena.glogowska@ucdenver.edu

Region VII Director

Ms. Jane Parr
University Hospital Health Science Center
12700 E. 19th Ave.
Aurora, CO 80045
jane.parr@ucdenver.edu

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