Tuesday, November 27, 2018

4:00pm – 6:00pm   **REGISTRATION OPEN**

5:30pm - 7:00pm   **TUTORIALS (1.5 CME)**

Pacific L
1) Update on Salivary Gland FNA: Milan Classification System & Use of Ancillary Studies
Christina S. Kong, MD
Objectives:
- Review Milan System for Reporting Salivary Gland Cytopathology
- Apply pattern-based approach for assessing salivary gland FNA cases
- Indentify pitfalls in evaluation of salivary glands FNAs
- Discuss use of immunohistochemistry and FISH in diagnosis of salivary gland neoplasms

Pacific M
2) Pitfalls in the Diagnosis of Needle Core Biopsies of Lymphoid Lesions from Nodal and Extranodal Sites
Yasodha Natkunam, MD, PhD
Objectives:
- Recognize the constraints imposed by the lack of tissue architecture in the diagnosis of nodal and extranodal lymphoid lesions
- Understand the importance of judicious selection of ancillary testing for lymphoid lesions in needle core biopsies
- Recognize the common diagnostic pitfalls and the steps to follow in how to avoid them

Wednesday, November 28, 2018

7:30am – 8:30am   **CONTINENTAL BREAKFAST**

7:30am – 3:30pm   **EXHIBITS OPEN**

7:30am – 5:30pm   **REGISTRATION OPEN**

8:30am - 12:00pm   **SHORT COURSE (3 CME)**

Grand Ballroom A
3) Handling and Reporting of Kidney and Testis Tumors
David Grignon, MD and Chia-Sui (Sunny) Kao, MD
Objectives:
- Updates on renal and testicular tumor classification, incorporating utilization of ancillary studies for difficult diagnostic situations
- Introduce new guidelines for handling and staging of renal and testicular tumors

10:00am – 10:30am   **MORNING BREAK**

12:00pm – 1:30pm   LUNCH ON OWN

1:30pm - 5:00pm   SHORT COURSE (3 CME)

Grand Ballroom A
4) Thyroid Pathology: Controversies and Challenges
Jennifer Hunt, MD, MEd
Objectives:
- The learner will be able to apply histologic criteria for diagnosis of thyroid follicular derived tumors, including newly defined entities
- The learner will be able to utilize special stains and molecular tests in a cost-effective way
- The learner will understand the implications of different thyroid diagnoses for clinical management

3:00pm – 3:30pm   AFTERNOON BREAK

5:00pm – 6:30pm   WELCOME RECEPTION

5:30pm - 7:00pm   TUTORIALS (1.5 CME)

Pacific M
5) Tumors and Tumor-like Lesions of the Urinary Tract
David Grignon, MD
Objectives:
- Be able to recognize important mimics of papillary urothelial neoplasms
- Be aware of and recognize significant variants of urothelial carcinoma
- Be able to distinguish between benign and malignant spindle cell proliferations

Pacific O
6) Thyroid Follicular Lesions for Your Day-to-Day Practice
Jennifer Hunt, MD, MEd
Objectives:
- The learner will be able to recognize vascular and capsular invasion
- The learner will be able to recognize the features that exclude a diagnosis of NIFT-P
- The learner will be able to recognize the nuclear features of papillary carcinoma

Pacific L
7) Breast Pathology - The Spectrum of Intraductal Proliferative Lesions
Laura C. Collins, MD
Objectives:
- To review the spectrum of intraductal proliferative lesions and discuss potential diagnostic pitfalls

Pacific N
8) Challenges of Lung Biopsy Handling and Interpretation

W. Dean Wallace, MD
Objectives:
- Review common clinical questions related to the lung biopsy
- Discuss strategies for maximizing utilization of biopsy material for routine histology and ancillary testing
- Be aware of important pitfalls in lung biopsy

Thursday, November 29, 2018

7:30am – 8:30am   **CONTINENTAL BREAKFAST**

7:30am – 3:30pm   **EXHIBITS OPEN**

7:30am – 5:30pm   **REGISTRATION OPEN**

8:30am - 12:00pm   **SHORT COURSE (3 CME)**

Grand Ballroom A
9) Eight Unusual Entities in Breast Pathology
Laura C. Collins, MD and Melinda F. Lerwill, MD
Objectives:
- Review diagnostic and clinical features of selected unusual breast tumors
- Discuss their differential diagnosis with more common mammary lesions
- Review immunohistochemical findings with emphasis on diagnostically useful studies and potential interpretative pitfalls
- Provide an update on recent molecular findings as appropriate

10:00am – 10:30am   **MORNING BREAK**

12:00pm – 1:30pm   **LUNCH ON OWN**

1:30pm - 5:00pm   **SHORT COURSE (3 CME)**

Grand Ballroom A
10) Endometrial Carcinoma: Diagnostic Pearls and Pitfalls
Brooke E. Howitt, MD and Eric Yang, MD, PhD
Objectives:
- Staging issues in endometrial carcinoma
- Diagnostic challenges in the endometrial biopsy
- Histologic and molecular classification of endometrial carcinoma

3:00pm – 3:30pm   **AFTERNOON BREAK**

5:30pm - 7:00PM   **TUTORIALS (1.5 CME)**

Pacific L

11) Not Another Liver Mass! A Practical Guide to Diagnosis Using Special Stains, Immunohistochemistry and Genomic Testing
Mojgan Hosseini, MD
Objectives:
- To identify common mistakes and pitfalls in the diagnosis of liver masses
- To learn the pertinent histopathological and immunohistochemical characteristics of tumors to allow accurate diagnosis
- To identify pitfalls in use and interpretation of immunohistochemical stains

Pacific M
12) Endometrial Carcinoma: Common Challenges
Brooke E. Howitt, MD and Eric Yang, MD, PhD
Objectives:
- Discuss recurrent staging issues in endometrial carcinoma
- Interpreting the challenging endometrial biopsy
- Molecular subclassification of endometrial carcinoma through application of immunohistochemical tests

Pacific N
13) Usual and Unusual Forms of Colitis
Rish Pai, MD, PhD
Objectives:
- Recognize diagnostic features of idiopathic inflammatory bowel disease
- Provide an appropriate differential diagnosis for non-IBD colitis patterns of injury
- Recognize new and unusual forms of colonic injury

Pacific O
14) Neuropathology Frozens Thawed – A Practical Approach
William Yong, MD
Objectives:
- Review some common clinical and radiologic scenarios
- Learn how to integrate squash preps and frozen sections with clinical-radiologic information
- Lear about the WHO 2016 classification's impact on frozen diagnosis

Friday, November 30, 2018

7:30am – 8:30am   CONTINENTAL BREAKFAST

7:30am – 10:30am   EXHIBITS OPEN

7:30am – 5:30pm   REGISTRATION OPEN

8:30am - 12:00pm   SHORT COURSE (3 CME)

Grand Ballroom A
15) Problematic Areas in Lower GI Pathology
Reetesh Pai, MD and Rish Pai, MD, PhD
Objectives:
- Apply diagnostic criteria from clinical relevant classifications to neoplasms of the appendix
- Provide tools to accurately diagnose and report relevant findings in adenomatous and serrated polyps
- Formulate clinically relevant pathology reports, including strategies for common diagnostic dilemmas in staging colorectal carcinoma
- Discuss the standard diagnostic categories of dysplasia in the setting of inflammatory bowel disease, their histologic criteria, and implications for clinical management

10:00am – 10:30am   MORNING BREAK

12:00pm – 1:30pm   CAP UPDATE AND CSP BUSINESS MEETING

Seacliff AB
16) CAP Update and CSP Business Meeting

12:00pm – 1:30pm   LUNCH ON OWN

1:30pm - 3:30pm   SPECIAL LECTURE (2 CME)

Grand Ballroom A
17) Update on Imaging Symposium
Apocalypse Now: The Perils of Adopting Digital Pathology
Eric Glassy, MD
Objectives:
- Describe the various terms associated with artificial intelligence, such as machine learning, deep learning, big AI, small AI, etc
- Review the state of AI and machine learning in healthcare in general and pathology in particular
- Describe the opportunities and risks that AI and IA bring to pathology and learn to separate the hype from the hope
- Appraise current and potential pathology apps and see what the future might bring

Next Generation Microscopy: In Vivo Optical Imaging and Its Role in Pathology Practice
Lida Hariri, MD, PhD
In vivo optical microscopy (IVM) provides microscopic optical images in patients, in real time, without tissue removal. This has tremendous potential to impact patient care, including in vivo disease detection, biopsy guidance, diagnosis, and resection margin assessment, in a variety of organ systems and disease types. Due to its microscopic resolution, IVM has close parallels with traditional histology, and requires knowledge of the histomorphologic features of many disease entities, which is a skill set inherent to pathologists. Therefore, IVM is likely to have major impacts on the way we practice as pathologists. In this session, we will:
- Explore current efforts in IVM in a variety of clinical applications, including the GI tract, lung, skin, and breast
- Discuss the impacts IVM could have on the practice of pathology in the short-term and long-

term future
- Discuss the role of pathologists in validating, implementing and interpreting IVM as a complement to traditional tissue pathology

4:00pm - 5:30pm   TUTORIALS (1.5 CME)

Pacific L
18) Practical Clues to the Diagnosis of non-Melanoma Skin Tumors: Solving Problems with Common Adnexal Tumors
Scott W. Binder, MD
Objectives:
- To learn how to diagnose common adnexal tumors - some of which present diagnostic challenges a. Desmoplastic trichoepithelioma, b. Infiltratie basal cell carcinoma, c. Syringoma, d. Microcystic adnexal carcinoma, among others
- To learn how to distinguish primary cutaneous adnexal tumors from common visceral metastases
- Learn the special studies (IHC, molecular, etc.) and necessary clinical information to make the correct diagnosis of common skin adnexal tumors

Pacific M
19) The Paris System for Reporting Urine Cytology - An Update
Shikha Bose, MD
Objectives:
- Understand the rationale for adopting the Paris System, a system for standardized reporting of urine cytology
- Learn the morphologic criteria for the various diagnostic categories and be able to assign diagnostic categories to cases
- Be aware of the potential pitfalls

Pacific N
20) Approaching Limited Biopsies of the Oral Cavity
Lester D.R. Thompson, MD
Objectives:
- Reduce occurrence of common mistakes and pitfalls in the diagnosis of common oral pathology entities in everyday surgical pathology
- Improve diagnostic accuracy with mimickers of specific diseases in the differential diagnosis
- Select and interpret special studies that will allow easier differential diagnosis

Pacific O
21) Mesenchymal Lesions of the GI Tract: Approach to Diagnosis and an Update
Shefali Chopra, MD
Objectives:
- Review diagnostic criteria as well as approach for the accurate recognition of mesenchymal gastrointestinal tract tumors so as to facilitate accurate diagnosis and prognostication

- Provide information concerning more recently characterized molecular genetic abnormalities in these tumors, many of which can be used to confirm difficult diagnoses and which have helped to refine tumor classification schemes
- Introduce few recently characterized immunohistochemical markers which facilitate accurate classification and differential diagnosis of soft tissue tumors, especially those which have been developed in recent years based upon molecular findings

Saturday, December 1, 2018

7:30am – 8:30am   CONTINENTAL BREAKFAST

7:30am – 12:00pm   REGISTRATION OPEN

8:30am – 12:00pm   SHORT COURSE (3 CME)

Grand Ballroom A
22) Diagnostic Problems in Surgical Pathology
Manju Aron, MD; Shefali Chopra, MD; Chia-Sui (Sunny) Kao, MD; Melinda F. Lerwill, MD; Teri Longacre, MD; Reetesh Pai, MD
Moderator: Donna Hansel, MD, PhD
Objectives:
- Through the discussion of six problem cases the registrants will ecome familiar with strategies that experts employ in order to work through challenging case materials
- Review recent development and change sin our understanding of the pahtophysiology of these problem areas
- Review the use of ancillary tests and special stains used in the differential diagnosis of these lesions

7:15am – 5:45pm   BONE PATHOLOGY SYMPOSIUM (8 CME)

Seacliff D
23) Orthopedic Pathology Enters the 21st Century: Recognizing and Dealing with New Entities and Old Friends
Benjamin L. Hoch, MD and Gene P. Siegal, MD, PhD
Objectives:
- Identification and separation of histologically overlapping lesions in bone
- Understanding where modern cytogenetics and molecular genetics enter into the diagnosis of benign and malignant tumors of bone
- Having exposure to newer and rarer orthopedic neoplasms

10:00am – 10:30am   Morning Break