



South Bay Pathology Society and California Society of Pathologists

Selected Issues in Hematopathology

Saturday, May 14th, 2022 ◦ Monterey Marriott ◦ 350 Calle Principal ◦ Monterey, California



L. Jeffrey Medeiros, MD

Professor & Chairman, Department of Hematopathology

MD Anderson Cancer Center



Dennis P. O'Malley, MD

Senior Hematopathologist

Adjunct Associated Professor

Neogenomics

MD Anderson Cancer Center

South Bay Pathology Society and California Society of Pathologists

Selected Issues in Hematopathology Pathology

Saturday, May 14th, 2022 ◦ Monterey Marriott ◦ 350 Calle Principal ◦ Monterey, California

The South Bay Pathology Society is accredited by California Medical Association (CMA) to provide continuing medical education for physicians.

The South Bay Pathology Society designates this live activity for a maximum of *5 AMA PRA Category 1 Credit(s)*[™].

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Dr. Dennis O'Malley has disclosed financial relationships with Bristol Myers Squibb/Celgene (speaker's bureau), GLG (consultant) and LEK (consultant). South Bay Pathology Society has mitigated any potential conflict of interest related to these relationships through peer review of Dr. O'Malley's presentation slides.

Dr. Sanjay Kakar (planner) has disclosed financial relationships with PathAI (consultant) and Freenome (data monitoring committee), neither of which are relevant to this activity.

Dr. Jeff Medeiros and the remaining activity planners and reviewers (Dr. Dean Fong, Dr. John Higgins, Dr. Megan Troxell and Dr. Kristin Jensen) disclosed no financial relationships.

L. Jeffrey Medeiros, MD

Professor and Chair

Department of Hematopathology

The University of Texas, MD Anderson Cancer Center

Dr. Medeiros received his MD from the University of Massachusetts and did residency in Anatomic and Clinical Pathology at the New England Deaconess Hospital in Boston (now Beth Israel Deaconess Medical Center). He also completed four years of fellowship training: two years at Stanford University Medical Center (Surgical Pathology and Immunopathology), one year at Massachusetts General Hospital (Hematopathology), and one year at the National Cancer Institute (Hematopathology). His first job was a junior staff position at the National Cancer Institute. His first staff position was an Associate Professor of Pathology at Rhode Island Hospital/Brown University of School of Medicine, in Providence, Rhode Island. He subsequently was a pathologist at City of Hope National Medical Center, in Duarte, California and then joined the faculty as a Professor at The University of Texas MD Anderson Cancer Center in 1998. Dr. Medeiros became the first Chair of the newly created Department of Hematopathology in 2002.

Dr. Medeiros is a member of the editorial boards of a few journals including the *American Journal of Surgical Pathology*, *Annals of Diagnostic Pathology*, *Human Pathology*, *Modern Pathology* and *Pathology*. He is co-author of four books: Ioachim's Lymph Node Pathology (Lippincott Williams & Wilkins, fourth edition 2007; fifth edition 2021), *Diagnostic Pathology: Lymph Nodes and Spleen with Extranodal Lymphomas* (AMIRSYS, first edition 2011, second edition 2017), *Atlas of Lymph Node Pathology* (Springer, 2013) and *AFIP Atlas of Tumor Pathology, Series 4. Tumors of Lymph Nodes and Spleen* (American Registry of Pathology, 2017). Dr. Medeiros also has a number of peer review publications. His interests include the diagnosis of lymphomas, including the use of histologic, immunophenotypic and molecular methods for diagnosis and prognosis, and his recent research interests have focused on diffuse aggressive B-cell lymphomas and breast implant-associated anaplastic large cell lymphoma.

Dennis P. O'Malley, MD

Senior Hematopathologist

Adjunct Associated Professor

Neogenomics

MD Anderson Cancer Center

Dennis P. O'Malley, M.D., is a nationally recognized expert in the field of diagnostic pathology. His areas of special expertise include the evaluation and diagnosis of leukemias, lymphomas, and other diseases of blood, bone marrow and lymph nodes. He has written several books, book chapters and articles in the areas of diagnostic pathology including molecular and genetic testing for cancer. He currently works as pathologist in the role of an independent contractor for Neogenomics, one of the largest oncology reference laboratories in the United States, and is an Adjunct Associate Professor at MD Anderson Cancer Center/University of Texas. Dr. O'Malley teaches at medical schools and residencies (including M.D. Anderson, UCLA, USC, and Yale), state, national and international pathology societies.

RECENT BOOKS:

Survival guide to lymph node pathology (2021)

Survival guide to bone marrow pathology (2021)

AFIP Fascicle: Tumors of lymph nodes and spleen (2017)

RECENT BOOK CHAPTERS

Dabbs Diagnostic Immunohistochemistry: Immunohistology of bone marrow, spleen and histiocytic disorders (2021)

Dabbs Diagnostic Immunohistochemistry: Immunohistology of lymph node and lymph node neoplasms (2021)

PROGRAM

in Pacific Daylight Time

7:45 AM - 9:00 AM Registration and Breakfast

9:00 AM - 10:30 AM Case Presentation

Case 1 Dr. O'Malley

Case 2 Dr. Medeiros

Case 3 Dr. O'Malley

10:30 AM - 11:00 AM Break for refreshments

11:00 AM - Noon Case Presentation

Case 4 Dr. Medeiros

Case 5 Dr. O'Malley

Noon - 1:30 PM Lunch

1:30 PM - 3:00 PM Case Presentation

Case 6 Dr. Medeiros

Case 7 Dr. Medeiros

Case 8 Dr. O'Malley

3:00 - 3:30 PM Break for refreshments

3:30 PM - 4:30 PM Case Presentation

Case 9 Dr. Medeiros

Case 10 Dr. O'Malley

4:30 PM - 4:45 PM Adjournment

OBJECTIVES

1. Appropriately evaluate and classify mantle cell lymphoma
2. Facilitate the diagnosis and pathologic workup of diffuse large B-cell lymphoma
3. Apply updated classification and diagnostic criteria for angioimmunoblastic T-cell lymphoma
4. Incorporate updates on diagnosis of nodular lymphocyte predominant Hodgkin lymphoma
5. Provide current evaluation and classification of Langerhans cell histiocytosis, including applicable genetic information
6. Accurately assess lymph nodes for IgG4 related disease and mimics
7. Appropriately evaluate and classify high grade B cell lymphoma
8. Provide current evaluation and classification of follicular lymphoma, including applicable genetic information
9. Comprehensively assess and classify anaplastic large cell lymphoma, including breast implant-associated ALCL
10. Insightfully apply immunohistochemical panels on lymph node specimens to achieve accurate diagnoses

Case 1

55-year-old with axillary lymphadenopathy for 2 months.

Excisional biopsy was performed.

Case 2

A 38-year-old man developed severe fatigue on mild exertion x 1 month. He also had intermittent night sweats and frontal headache. A CBC showed anemia (Hb, 9.7). CT scans showed bilateral small LNs in the neck, supraclavicular region, mediastinum, and inguinal region. He also had prominent splenomegaly and bulky upper abdominal lymph nodes. This is a biopsy of an inguinal LN.

Case 3

61-year-old male presents for colonoscopy.

2 rectal polyps were removed (0.2 cm each)

Case 4

A 70-year-old woman with a history of diabetes, hypertension and kidney failure presented with acute onset of fatigue and dizziness. Physical examination showed B-type symptoms. Laboratory evaluation showed hypercalcemia. PET/CT showed lymphadenopathy, splenomegaly and bone lesion.

Case 5

63-year-old female presented with 2-month history of gastric pain.

EGD was performed and a large, partly ulcerated mass with biopsy.

Case 6

A 48-year-old man presented with palpable masses in his neck without B symptoms.

Physical examination and PET scan showed multiple left neck lymph nodes with the largest from the submandibular region being 3.1 x 1.9 x 1.5 cm. FNA was nondiagnostic with negative flow cytometry results. An excisional biopsy was performed.

Case 7

A 51-year-old female with a history of breast cancer developed cervical lymphadenopathy. Needle biopsy showed atypical follicular hyperplasia. She was followed. 1 year later she developed dyspnea, fatigue and widespread lymphadenopathy. A right inguinal lymph node was excised.

Case 8

72-year-old female.

Breast implant, 27 years previous.

Currently edema and fluid enlarging breast.

Breast implant capsule.

Case 9

A 40-year-old woman presented with hoarseness and was found to have T2 N0 squamous cell carcinoma of the right vocal cord. She was treated with cisplatin and radiation therapy. One year later she developed a level II left neck lymph node.

Case 10

61-year-old male with generalized lymphadenopathy. Axillary lymph node

THANK YOU SPONSORS!!!

APS Medical Billing

Gerrick Gonzales

gsgonzales@apsmedbill.com

Merck

Jeff Jantzen

916-765-7510

jeff.jantzen@merck.com

Mairin McCann

415-690-6275

mairin.mccann@merck.com

Roche Diagnostics

Shereen Farahani

317-371-7976

shereen.farahani@roche.com

Bristol Myers Squibb

Fei Cao, PhD

408-667-5737

fei.cao2@bms.com

Neogenomics

Caitlin Traylor

415.218.4356

Caitlin.Traylor@neogenomics.com



Previous Spring Conferences

2021

Selected Issues in Genitourinary Pathology
Victor E Reuter, MD
Kiril Trpkov, MD FRCPC

2019

Selected Issues in Breast Pathology
Melinda Lerwill, MD
Benjamin C Calhoun, MD PhD

2018

What's New in Head and Neck Pathology
Jennifer Hunt, MD
Peter Sadow, MD

2017

New Concepts and Current Issues in Gynecologic Pathology
Charles Zaloudek, MD
Marisa R Nucci, MD

2016

Gastrointestinal Pathology: Common Errors and How to Avoid Them
Elizabeth Montgomery, MD
Rhonda K Yantiss, MD

2015

Bone and Soft Tissue Pathology: Focus on Endoscopic Biopsies
Andrew Folpe, MD
Andrew Horvai, MD

2014

Lung Biopsies: Challenges and Pitfalls
Kevin Lesley, MD
Max Smith, MD

2013

Lymphoma, Including Extranodal Lymphoma
Daniel Arbor, MD
Steven Swerdlow, MD

2012

Pancreatic Neoplasms Including Endoscopic Ultrasound - guided FNA and Needle Biopsy in Medical Diseases of the Liver
N Volkan Adsay, MD
Reetesh Pai, MD
Laura Lamps, MD
Tami Daugherty, MD

2011

Borderline Tumors in Surgical Pathology
Robert A Soslow, MD
Scott W Binder, MD
Jesse K McKenney, MD

2010

Breast Pathology: Current Issues and Diagnostic Pitfalls
Stuart J Schnitt, MD
Laura C Collins, MD

2009

Immunohistochemistry
Saul Suster
Allen Gown

2008

Skin
Mark R. Wick
Scott W. Binder

2007

Gynecologic Pathology
Robert J. Kurman
Russell S. Vang

2006

Current Issues in Gastrointestinal Pathology
Donald Antonioli, MD
Henry Appelman, MD
Kenneth McQuaid, MD

2005

Tumors of Soft Tissue and Bone: Diagnostic Challenges and Pitfalls
Krishnan Unni
John Goldblum
Richard Kempson
Michael Hendrickson

2004

Urologic Pathology
Jonathan Epstein
David Grignon
Fuad Freiha

2003

Head and Neck Pathology
Stacey Mills
Richard Zarbo
Willard Fee

2002

Lymphoma
Roger Warnke
Patrick Treseler
Sandra Horning



Previous Spring Conferences

2000 Lung and Pleura David Dail Henry Tazelaar	1992 Pediatric Pathology Louis P Dehner Deborah J Gersell	1984 Tumors of the Salivary Gland JG Azzopardi
1999 Breast Richard Kempson Noel Weidner	1991 ENT John G Batsakis	1983 Lymph Nodes Ronald F Dorfman Roger A Warnke
1998 Gynecologic Pathology Philip Clement Robert Kurman	1990 Lung Thomas V Colby Samuel A Yousem	1982 Breast Paul P Rosen
1997 Gastrointestinal Pathology Rodger Haggitt Klaus Lewin	1989 Problems in Surgical Pathology Juan Rosai	1981 Endocrine Pathology E Dillwyn Williams
1996 Fine Needle Aspiration Lester Layfield Jan Silverman	1988 Gynecologic Pathology Richard L Kempson Michael R Hendrickson	1980 Skin Martin C Mihm Terence J Harrist
1995 Soft Tissue Sharon Weiss Christopher Fletcher	1987 Problems in Surgical Pathology Robert E Fechner Stacey E Mills	1979 Lung Charles B Carrington
1994 Genitourinary Pathology Robert H Young Jonathan I Epstein	1986 Gastrointestinal Pathology Henry D Appelman	1978 Gynecologic Pathology H Jason Norris
1993 Inflammatory Diseases of Skin A Bernard Ackerman	1985 Skin Tumors Richard W Sagebiel John T Headington	1977 Tumors of the CNS Lucien J Rubinstein
		1976 Liver Kamal Ishak



Previous Spring Conferences

1975

Breast and Soft Tissue
Raffaele Lattes

1974

Cytology
John K (Jack) Frost

1973

Lymphoreticular Pathology
Robert J Hartsock

1972 (September)

Skin: Necrobiotic Granulomas and Panniculiti
Waine C Johnson

1972 (May)

Soft Tissue
Edward H Soule

1971

Gynecologic Pathology
Frederick T Krause
John C Campbell

1970 (October)

Skin: Reticuloendothelial Dermatoses
James H Graham

1970 (May)

Gastrointestinal Pathology
John Yardley
H Joachim Burhenne

1970 (February)

Inflammatory Diseases of Skin
James Graham

1969

Pediatric Pathology
John M Kissane
J Scott Dunbar

1968

Chest and Mediastinum
Benjamin Castleman
Benjamin Felson

1967

Bone
David C Dahlin
Gwilyn Lodwick

1966

Kidney and Retroperitoneum
Weldon Bullock
Mordecai Halpern

1965

Central Nervous System
James W Kernohan
William Weidner

1964

Gastrointestinal Pathology
Elson B Helwig

1963

Thorax
Benjamin Castleman

1962

Bone
Louis Lichtenstein

1961

Bone
David C Dahlin



South Bay Pathology Society and California Society of Pathologists

Selected Issues in Dermatopathology

Saturday, May TBD, 2023 ◦ Monterey Marriott ◦ 350 Calle Principal ◦ Monterey, California



Steven Billings, MD

