



University of California  
San Francisco

Presented by the Departments of Pathology  
University of California, San Francisco  
School of Medicine  
Stanford University School of Medicine

TENTH ANNUAL  
UCSF • Stanford

# Current Issues in Anatomic Pathology: 2007

**Hilton Financial District Hotel  
San Francisco, California**

NOTE NEW LOCATION FOR 2007

**Cytology Seminar - May 23rd**



THURSDAY-SATURDAY

**May 24-26, 2007**



**STANFORD**  
SCHOOL OF MEDICINE  
*Stanford University Medical Center*

**UCSF**  
School of Medicine

# Course Overview

This annual course addresses a wide range of topics in anatomic pathology and explores new and evolving areas in the diagnosis and analysis of disease. It aims to provide the latest practical and theoretical information that will aid the practicing pathologist in solving those problems most often encountered in the anatomic pathology laboratory.

During the three-day course, microscopes will be available in an adjacent room to view the recently described and interesting cases that will be discussed by the faculty.

An audience response system will facilitate questions and discussion. A complete course syllabus will be provided for all participants.

Participants will be able to register for either the entire three day meeting or for any combination of individual one day blocks.

## **OVERALL OBJECTIVES:**

To identify areas of diagnostic difficulties and challenges in everyday surgical pathology and cytopathology practice, and to provide expert insight on these topics through didactic lectures, tutorial sessions and interactive slide reviews. The educational experience is further enhanced through a collegial contact and one-on-one interactions during the course. The topics selected each year reflect areas in which substantial information and progress has been made, or areas in which there is significant difficulty in interpretation for general surgical pathologist.

## **SPECIFIC COURSE OBJECTIVES: CYTOPATHOLOGY**

To present the audience a hands-on experience in diagnostic problems in everyday cytopathology practice and to provide an update on recent developments in the use of special techniques in cytopathology. At the end of the cytopathology course, the learner will be able to identify common problem areas in cytopathology practice, recognize potential pitfalls and develop a differential diagnosis and a management plan. The learner will also be able to identify cases in which special techniques may be of practical benefit.

## **GASTROINTESTINAL PATHOLOGY**

To provide, update and remind the audience about the pertinent and critical aspects of reporting lesions in the appendix vermiformis, and potential challenges that may be unrecognized in daily surgical pathology practice. To provide an update on the surgical pathology of the neuroendocrine tumors of the gastrointestinal tract with novel markers and associated genetic alterations. To review the critical practical problems encountered in biopsies of the lower gastrointestinal tract with specific emphasis on the differential diagnosis of biopsies demonstrating a lymphoid aggregate, as well as recognition and correct diagnosis of common and some uncommon polyps. The course also aims to provide a rational algorithm for correct interpretation of colonic biopsies that demonstrate an inflammatory etiology, and will discuss the implications of the diagnosis of "colitis" for patients. Finally, a review of neoplastic liver diseases that pose a significant challenge in diagnosis will be addressed with specific emphasis on using immunohistochemical and other special studies in their differential diagnosis. The reviews will also address the new discoveries on the genetic alterations associated with these conditions. These lectures will be supplemented by a tutorial session that aims to review problematic diagnoses in biopsies of the pancreas.

## **NEUROPATHOLOGY**

The two lectures on neuropathology will address the common challenges that are often encountered by most general surgical pathologists. Specifically, the learners will be given a comprehensive review of how to perform an intra-operative consultation with frozen sections and how to process and interpret small biopsies. The learners will also be given a concise review of the most relevant immunohistochemical staining patterns in neuropathological diseases and their practical utility. The lectures will focus on the use of these techniques in common lesions.

## **BREAST PATHOLOGY**

The lectures on breast pathology aim at providing a comprehensive understanding of "borderline" lesions and the insight of two internationally recognized experts on how to approach, interpret, and report such lesions. The learners will be presented with vignettes that are potentially problematic both in terms of diagnosis and management, and will be given practical algorithmic approaches. A tutorial on breast pathology is aimed at reinforcing the learning points using real case vignettes.

## **HEMATOPATHOLOGY**

The learners will observe an array of expert interpretation on the most common and controversial topics in hematopathology, diagnostic criteria, utility of special studies and the pathophysiological insights gained in recent years. The presentations will also focus on critical pathological features for correct diagnosis and interpretation of mature T-cell leukemias, diagnostic approach and pitfalls in recognizing nodal T-cell lymphomas, an update on chronic myeloid proliferations, and acute myeloid leukemia. The Henry-Moon lecture dedicated to the late chairman of Pathology will cover the new advances, everyday challenges and diagnostic pitfalls in myelodysplastic syndrome.

## **GYNECOPATHOLOGY**

The lectures on gynecologic pathology aim at addressing the most problematic issues in common surgical pathology practice as well as providing an update on the advances in recent years. The learners will review and master how to interpret prognostic factors in endometrial carcinoma, recognize problem diagnosis in smooth muscle tumors of the uterus, learn about new advances on human papillomaviruses, and define features of high risk types of endometrial adenocarcinoma.

## **PULMONARY PATHOLOGY**

The tutorial on pulmonary pathology will focus on most common forms of interstitial lung disease, their pathological diagnosis, and problem cases that can challenge general surgical pathologist in everyday practice. The tutorial will also address the six major patterns of pulmonary pathology and the utility of this approach for accurate diagnosis.

## **DERMATOPATHOLOGY**

Tutorials in dermatopathology will focus on practical issues and new developments in dermatopathology. They will include neoplastic and non-neoplastic dermatological disorders that are encountered by the practicing surgical pathologist. The appropriate use of ancillary studies, and an algorithmic approach for the development of a differential diagnosis will be discussed using case studies.

## **Cytology Seminar**

**May 23, 2007** Enrollment in this seminar is limited *18 persons* and will be determined on a first-come, first-served basis. The seminar will be held on the University of California, San Francisco campus in room HSW-532. Shuttle service will be provided between the Hilton Financial District and UCSF.

Seminar Registration Fee: **\$250**

Please call the registration office (415-476-5808) to verify space is available before sending payment for the Cytology Seminar.

### *Cytology Faculty*

#### **STANFORD FACULTY**

**Daniel A. Arber, MD**

Professor and Associate Chair  
of Pathology

**Kristen Jensen, MD**

Assistant Professor of Pathology

**Christina S. Kong, MD**

Assistant Professor of Pathology

**Erich Schwartz, MD, PhD**

Assistant Professor of Pathology

#### **UCSF FACULTY**

**Frederick L. Baehner, MD, PhD**

Assistant Professor of Pathology

**Kirk D. Jones, MD**

Associate Professor of Pathology

**Elham Khanafshar, MD**

Assistant Professor Pathology

**Theodore R. Miller, MD**

Professor of Pathology

**Z. Laura Tabatabai, MD**

Assistant Professor of Pathology

Cytology Seminar Course Chair

# **May 23, 2007**

### **Seminar Schedule**

**WEDNESDAY, MAY 23, 2007**

- 7:45 am **Shuttle Leaves Hotel for UCSF**
- 8:10 am **Registration, Coffee and Greetings**
- 8:30 am **Concurrent Sessions**
- a. **Microscopic Tutorial: Diagnostic Problems in Breast FNA**  
Christina Kong
  - b. **Microscopic Tutorial: Thyroid FNA**  
Theodore Miller
- 10:00 am *Break*
- 10:15 am **Concurrent Sessions**
- a. **Microscopic Tutorial: Fluid Cytology**  
Erich Schwartz
  - b. **Microscopic Tutorial: FNA of Lymph Node Malignancies: Combined Use of Morphology, Immunophenotyping and Molecular Diagnostics**  
Daniel Arber, Frederick Baehner
- 11:45 am *Lunch*
- 12:45 pm **Workshop: Improving FNA Technique and Smear Preparation**  
Kirk Jones, Elham Khanafshar, Laura Tabatabai
- 1:45 pm **Concurrent Sessions**
- a. **Microscopic Tutorial: Thyroid FNA**  
Theodore Miller
  - b. **Microscopic Tutorial: Fluid Cytology**  
Erich Schwartz
- 3:15 pm *Break*
- 3:30 pm **Concurrent Sessions**
- a. **Microscopic Tutorial: FNA of Lymph Node Malignancies: Combined Use of Morphology, Immunophenotyping and Molecular Diagnostics**  
Daniel Arber, Frederick Baehner
  - b. **Microscopic Tutorial: Diagnostic Problems in Breast FNA**  
Kristen Jensen
- 5:15 pm **Shuttle Departs UCSF for Hotel**

## Wednesday, May 23

**Cytology Seminar** – Separate Fee; Enrollment Limited to 18 Persons

## Thursday, May 24

7:30 – 8:30 am *Registration and Continental Breakfast*

8:20 – 8:30 **Introduction/Course Overview**

**GI PATHOLOGY • MODERATOR: LINDA FERRELL**

8:30 – 9:20 **Lesions of the Appendix with Focus on Problems Seen in General Practice** Laura Lamps

9:20 – 10:05 **Update of Neuroendocrine Tumors of the GI Tract** Teri Longacre

10:05 – 10:25 *Break*

10:25 – 11:10 **Colonic Biopsy with a Lymphoid Aggregate! What to do?** Patrick Treseler

11:10 – 12:00 pm **Common and Uncommon Polyps of the Lower GI Tract** Laura Lamps

12:15 – 1:15 **Lunch Tutorial A: Problem Diagnoses in Pancreas** Grace Kim

12:15 – 1:15 **Lunch Tutorial B: Problem Diagnoses in Interstitial Lung Disease** Kirk Jones

*\* separate fee of \$75 (includes lunch). Limited enrollment.*

12:00 – 1:30 *Lunch on own for other registrants*

**PROBLEM-BASED SESSION • MODERATOR: LINDA FERRELL**

1:30 – 2:25 **Interpretation of Colonic Biopsies with "Colitis"** Sanjay Kakar

2:25 – 3:00 **Problem Liver Tumors, with an Update on Use of Immunostains** Linda Ferrell

3:00 – 3:20 *Break*

3:20 – 4:00 **Approach to Frozen Sections and Small Biopsies from the Brain and Spinal Cord** Tarik Tihan

4:00 – 4:45 **Practical Approach to the Use of Immunohistochemical Markers Used in Neuropathology** Hannes Vogel

## Friday, May 25

7:30 – 8:20 am *Continental Breakfast*

**BREAST AND HEMATOPATHOLOGY • MODERATOR: RICHARD SIBLEY**

8:20 – 9:20 **Definitional Borderlines in Breast Pathology: Two Expert Opinions (part 1)** James Connolly and Richard Kempson

9:20 – 10:05 **Definitional Borderlines in Breast Pathology: Two Expert Opinions (part 2)** James Connolly and Richard Kempson

10:05 – 10:25 *Break*

10:25 – 11:10 **Definitional Borderlines in Breast Pathology: Two Expert Opinions (part 3)** James Connolly and Richard Kempson

11:10 – 12:00 pm **Mature T-Cell Leukemias** Kathryn Foucar

12:15 – 1:15 **Lunch Tutorial C: Pitfalls in Dermatopathology** Sabine Kohler

12:15 – 1:15 **Lunch Tutorial D: Diagnostic Problems in Breast Pathology** Richard Sibley

*\* separate fee of \$75 (includes lunch). Limited enrollment.*

12:00 – 1:30 *Lunch on own for other registrants*

**HEMATOPATHOLOGY • MODERATOR: DANIEL ARBER**

1:30 – 2:20 **Nodal T-Cell Lymphomas: New Approaches to the Diagnosis and Pitfalls** Roger Warnke

## Friday, May 25

2:20 – 3:00	<b>Chronic Myeloid Proliferations: CML and Beyond</b>	Joan Etzell
3:00 – 3:20	<i>Break</i>	
3:20 – 4:00	<b>Acute Myeloid Leukemia: Importance of Ancillary Studies in Diagnosis and Classification</b>	Daniel Arber

### HENRY MOON LECTURE

4:00 – 5:00	<b>Myelodysplastic Syndrome: Everyday Challenges and Pitfalls</b>	Kathryn Foucar
5:15 -7:00	<b>Course Reception</b>	

## Saturday, May 26

7:30 – 8:30 am *Continental Breakfast*

### GYNECOLOGIC PATHOLOGY • MODERATOR: TERI LONGACRE

8:30 – 9:20	<b>Prognostic Factors for Endometrial Carcinoma</b>	Charles Zaloudek
9:20 – 10:05	<b>Problem Diagnoses in Smooth Muscle Tumors of the Uterus</b>	Michael Hendrickson
10:05 – 10:25	<i>Break</i>	
10:25 – 11:10	<b>Cytology: Update on Human Papilloma Virus</b>	Christina Kong
11:10 – 12:00 pm	<b>High Risk Types of Endometrial Adenocarcinoma</b>	Joseph Rabban

12:15 – 1:15	<b>Tutorial E: Sclerosing Neoplasms</b>	Timothy McCalmont
12:15 – 1:15	<b>Tutorial F: Bug Identification 2007: A Workshop on Immunohistologic and Molecular Detection of Infectious Agents</b>	Robert Rouse/ Robert West

*\*separate fee of \$75 (includes lunch). Limited enrollment.*

12:00 – 1:30 *Lunch on own for others*

### SOFT TISSUE PATHOLOGY • MODERATOR: CHARLES ZALOUDEK

1:30 – 2:20	<b>PEComas</b>	Andrew Folpe
2:20 – 3:00	<b>Chondrogenic Tumors of Bone</b>	Andrew Horvai
3:00 – 3:20	<i>Break</i>	
3:20 – 4:00	<b>Soft Tissue Lesion in the Skin – A Practical Approach</b>	David Cassarino
4:00 – 4:45	<b>Fibrohistiocytic Tumors of Intermediate Malignancy</b>	Andrew Folpe

### HENRY MOON LECTURER

#### Kathryn Foucar, MD

*Vice Chair of Clinical Affairs, Department of Pathology, University of New Mexico Health Sciences Center*

Dr. Foucar received her BS and MD degrees from Ohio State University and her residency training in Laboratory Medicine and Anatomic Pathology at the University of New Mexico and the University of Minnesota, followed by a surgical pathology fellowship at the University of Minnesota Medical School.

She is currently Professor of Pathology and Vice Chair for Clinical Affairs at the University Of New Mexico School Of Medicine. She serves as Director of Hematopathology and as

the Medical Director of consultation services of the TriCore Reference Laboratories. Dr. Foucar is the author of the first and second editions of Bone Marrow Pathology and is co-author of a new AFIP fascicle on *Non-Neoplastic Disorders of Bone Marrow* (2007 in press). Dr. Foucar has more than 90 peer-reviewed publications as well as numerous book chapters on bone marrow pathology and hematopathology. Dr. Foucar has given numerous lectures on all aspects of hematopathology, including morphology and specialized studies of bone marrow, lymph node, and extranodal lymphomas.



## ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this educational activity for a maximum of 18.75 AMA PRA Category 1 Credits™, the Cytology Workshop (MAP07001) for 7.75 Category 1 Credits™, and the lunch tutorials for 1 Category 1 Credit each. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

## GENERAL INFORMATION

Pre-registration is preferred to ensure that registrants receive a syllabus and CME Certificate at the course.

## REGISTRATION INFORMATION

Tuition:	<b>\$610</b>	Physicians
	<b>\$230</b>	Physicians Day Rate*
	<b>\$275</b>	Interns/Residents/Fellows
	<b>\$110</b>	Interns/Residents/Fellows Day Rate*
	<b>\$75</b>	Lunch Tutorials
	*no online registration for rate	
	<b>\$250</b>	Cytology Seminar

Physicians in training must include a letter of verification from training program with registration to qualify for reduced tuition fee.

## REGISTER VIA:

Online: [www.cme.ucsf.edu](http://www.cme.ucsf.edu)

Mail: Complete course registration form and send with payment to:

UCSF Office of CME  
P.O. Box 45368  
San Francisco, CA  
94145-0368

Fax: Fax completed registration form to: (415) 502-1795 (be sure to include your credit card number)

Phone: (415) 476-5808

Payment can be made by Visa, MasterCard, AmEx or check.

*On-Site Registration:* Generally we are able to accommodate on-site registration at our courses. Please call or refer to our website for course status.

## ON-SITE REGISTRATION

Time: 7:30am – 8:20am  
Date: Thursday, May 24, 2007  
Place: Hilton Financial District Hotel  
750 Kearny Street  
San Francisco, CA 94108

Please check our website for up to date information on the course: [www.cme.ucsf.edu](http://www.cme.ucsf.edu)

## REFUNDS

Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

## CONFERENCE LOCATION

Set in the heart of downtown San Francisco's Financial District, Chinatown, and North Beach, next to San Francisco Bay, with stunning views of the city and San Francisco Bay, the **Hilton San Francisco Financial District** is just three blocks from Embarcadero Center and an easy walk from Union Square.

A block of guestrooms has been reserved at the special UCSF conference rate of \$169 single/double occupancy. You are urged to make your reservations early. The cut off date is April 23, 2007, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. If you prefer to phone in your reservation, please identify yourself as a member of this conference to receive the special rate.

To make hotel reservations on-line, go to [www.sanfranciscohiltonhotel.com](http://www.sanfranciscohiltonhotel.com), use the booking code: UCSFST. If you prefer to telephone in your reservation, call 1-800-HILTONS or 415-433-6600, please identify yourself as a member of this UCSF conference to receive the special rate.

*\*\*Hotel Policies: Reservations must be cancelled at least 24 hours in advance or a one-night's stay (and applicable taxes) will be charged. A credit card number is required to confirm your reservation. Check-in is 3:00 pm; Check-out is 12:00 noon. Reservation requests made after April 23, 2007 will be honored at the conference room-rates on a space-available basis. Room rates are subject to all state and local taxes (currently 14%, subject to change without notice).*

**By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.**

## RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to identification number 03BW0109, or call your travel agent. You may also make reservations at [www.Hertz.com](http://www.Hertz.com).

## AIR TRANSPORTATION

Special arrangements have been made with Montgomery Travel. Simply call 800-391-2287 or complete the form on the UCSF web page at [www.montgomerytravel.com](http://www.montgomerytravel.com). In addition to offering lower rates than published fares, ticketed passengers may take advantage of the 24 hour emergency service. There is a \$35 service fee.

UCSF has negotiated special fares with American and United Airlines for our course attendees. You may use the following tour codes to book on your own:

American 800-433-1790 code: 15273

United 800-521-4041 code: 510CF

**10th Annual Current Issues in Anatomic Pathology**

May 24-26, 2007

Hilton Financial District Hotel, San Francisco

**MAP07002/****MAP07001****Cytology Seminar: May 23, 2007**

UCSF Parnassus Campus

Mail to : UCSF Office of CME  
P.O. Box 45368  
San Francisco, CA  
94145-0368

Fax: (415) 502-1795  
Registration Information: (415) 476-5808  
Course Information: (415) 476-4251  
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Degree		Specialty
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Would you like to be on our priority email list?  Yes  No

Would you like to be on our priority fax list?  Yes  No

Date of birth to be used as OCME registrant number \_\_\_\_ / \_\_\_\_ / **XX**  
Month Day

Please indicate if you have any special needs:

**Registration Fees:****Physicians:**

Full Course  **\$610**  
Thursday, May 24  **\$230**  
Friday, May 25  **\$230**  
Saturday, May 26  **\$230**

**Interns/Residents/Fellows**

Full Course  **\$275**  
Thursday, May 24  **\$110**  
Friday, May 25  **\$110**  
Saturday, May 26  **\$110**

**Lunch Tutorials\*\***

Thursday "A"  **\$75**  
Thursday "B"  **\$75**  
Friday "C"  **\$75**  
Friday "D"  **\$75**  
Saturday "E"  **\$75**  
Saturday "F"  **\$75**

**Cytology Seminar\*  \$250**

\* enrollment is limited to 18 persons

\*\*Space is limited to 25 persons per tutorial

**Make checks payable to UC Regents**

Please charge my credit card:  Visa  MasterCard  AmEx for \$ \_\_\_\_\_

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Expiration date \_\_\_\_\_

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Authorized Signature \_\_\_\_\_

**Refund Policy:** Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

Please check our website for up to date information on the course:  
[www.cme.ucsf.edu](http://www.cme.ucsf.edu)

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750 Kearny Street  
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1-800-HILTONS or  
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### *Course Co-chairs*

**Daniel A. Arber, MD**  
Professor and Associate Chair of Pathology  
Stanford University

**Linda D. Ferrell, MD**  
Professor and Vice-Chair, Clinical Services  
Surgical Pathology: Liver & GI Pathology  
University of California, San Francisco

**Sabine Kohler, MD**  
Professor of Pathology and Dermatology  
Stanford University

**Teri A. Longacre, MD**  
Associate Professor of Pathology  
Stanford University

**Tarik Tihan, MD, PhD**  
Associate Professor of Neuropathology  
University of California, San Francisco

**Charles J. Zaloudek, MD**  
Professor of Surgical Pathology  
and Gynecologic Pathology  
University of California, San Francisco

### *Guest Faculty*

**Kathryn Foucar, MD**  
Professor of Pathology;  
Vice Chair for Clinical Affairs,  
Department of Pathology; Director,  
Hematopathology Division;  
Director, Hematopathology Fellowship Program  
University of New Mexico

**James L. Connolly, MD**  
Professor of Pathology, Harvard Medical School;  
Staff Pathologist, Department of  
Pathology, Brigham and Women's Hospital;  
Director, Division of Anatomic Pathology,  
Beth Israel Deaconess Medical Center

**Andrew L. Folpe, MD**  
Senior Associate Consultant  
Division of Anatomic Pathology  
Mayo Clinic, Rochester, MN

**Laura W. Lamps, MD**  
Division Chief of Anatomic Pathology  
and Hematopathology;  
Chief of Surgical Pathology; Professor of Pathology  
Arkansas Cancer Research Center (ACRC)  
Experimental Pathology Laboratory

### *Stanford Faculty*

**David S. Cassarino, MD, PhD**  
Assistant Professor of Pathology and Dermatology

**Michael Hendrickson, MD**  
Professor of Pathology

**Richard L. Kempson, MD**  
Professor Emeritus of Pathology

**Christina S. Kong, MD**  
Assistant Professor of Pathology

**Robert V. Rouse, MD**  
Professor of Pathology

**Richard K. Sibley, MD**  
Professor of Pathology

**Hannes Vogel, MD**  
Associate Professor of Pathology

**Roger A. Warnke, MD**  
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**Robert B. West, MD, PhD**  
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### *UCSF Faculty*

**Joan Etzell, MD**  
Director, Clinical Hematology Laboratory

**Andrew Horvai, MD, PhD**  
Assistant Professor  
Surgical Pathology and Bone & Soft Tissue  
Pathology

**Kirk D. Jones, MD**  
Associate Professor  
Surgical Pathology, Cytopathology  
and Pulmonary Pathology

**Sanjay Kakar, MD**  
Assistant Professor of Surgical Pathology  
and GI Pathology

**Grace E. Kim, MD**  
Assistant Professor of Surgical Pathology  
and Pediatric Pathology

**Timothy H. McCalmont, MD**  
Professor of Dermatopathology

**Joseph T. Rabban, III, MD, MPH**  
Assistant Professor  
Surgical Pathology, Gynecologic &  
Breast Pathology

**Patrick A. Treseler, MD, PhD**  
Professor of Surgical Pathology and  
Hematopathology

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