40th ANNUAL REVIEW & RECENT PRACTICAL
Advances in Pathology
FEBRUARY 15-19, 2016
Fontainebleau Miami Beach, Florida

featuring

John Goldblum, MD
Professor and Chairman
Department of Pathology
Cleveland Clinic Ohio

Robert Michel
Editor-in-Chief of the Dark Report
Founder and Director of Executive War College
on Lab and Pathology Management

Gary W. Procop, MD, MS
Professor and Chairman
Department of Clinical Pathology
Medical Director of Molecular Microbiology,
Mycology and Parasitology Laboratories
Cleveland Clinic Ohio

Mark Wick, MD
Professor of Pathology
Associate Director of Surgical Pathology
University of Virginia School of Medicine

COURSE DIRECTORS
Carmen Gomez-Fernandez, MD
Professor of Pathology
Director of Pathology Medical Education
Director of Breast and ENT Pathology
Services and Fellowship Training Programs

Sander R. Dubovy, MD
Professor of Ophthalmology and Pathology
Victor T. Celnik Chair in Ophthalmology
Director of the Florida Lions Ocular Pathology
Laboratory and Fellowship Training Program
Bascom Palmer Eye Institute

Mèrce Jordà, MD, PhD, MBA
Professor and Vice Chair of Anatomic Pathology
Director of Cytopathology and Genitourinary Pathology Services

Register today at:
www.pathadvances.med.miami.edu

Sponsored by:
University of Miami
Leonard M. Miller School of Medicine

UNIVERSITY OF MIAMI
MILLER SCHOOL OF MEDICINE
OVERVIEW
The Department of Pathology proudly presents the 40th Annual Review and Recent Practical Advances in Pathology conference hosted by the University of Miami Leonard M. Miller School of Medicine. With participants from all over the globe, this course seeks to improve the diagnostic skills of practicing pathologists, pathologists in training and other health care professionals by focusing on the latest information, diagnostic criteria and techniques relevant to daily practice. Together we provide you with the opportunity to expand your expertise and acquire new information that can be integrated into your practice norms. The foundation of the meeting is robust educational programming offering new information in the areas of Anatomic and Clinical pathology with emphasis on surgical pathology, cytopathology, immunohistochemistry, clinical test utilization and new billing and management trends in healthcare. Attend morning general sessions with outstanding leaders in our field and spend your afternoons experiencing Miami’s art and culture or relaxing poolside at the luxurious Fontainebleau Miami Beach overlooking the Atlantic Ocean.

TARGET AUDIENCE
The “40th Annual Review & Recent Practical Advances in Pathology” should be of value to the practicing pathologist, pathologist in training and other healthcare professionals interested in the latest advances and techniques in the field.

EDUCATIONAL OBJECTIVES
• Outline an approach to the diagnosis of malignant tumors using immunohistochemistry and other ancillary techniques
• Assess tumors which can closely mimic well-differentiated liposarcoma
• List at least three malignant mesenchymal neoplasms that have a tendency to occur in the head and neck
• Understand the morphological characteristics that permit distinction of benign from malignant primary cartilage and bone forming tumors of the skeleton
• Analyze intraocular malignancies commonly submitted for diagnostic evaluation
• Appreciate the clinical implications of the urine cytology diagnosis
• Recognize the most common potential diagnostic pitfalls and evaluate ancillary testing in thyroid cytology
• Analyze the resolution of most common diagnostic problems in FNA cytology by utilization of a limited number of immunohistochemistry antibodies
• Critically appraise the effective application of immunohistochemistry in breast pathology
• Compare and contrast the histologic features in pediatric gastrointestinal pathology and adult gastrointestinal pathology
• Become familiar with the diagnostic criteria for Barrett’s esophagus
• Recognize the diagnostic approach to non-inflammatory and inflammatory non-IBD colitis
• Understand the Institute of Medicine’s definition of “medical error
• Improve recognition and evaluation of domestic violence
• Effectively apply immunohistochemistry for the resolution of difficult cases in surgical pathology
• Compare and contrast the strengths and weaknesses of using clinical decision support tools for the purposes of test utilization
• Determine which fungi can be definitively identified by morphology and which require culture or other ancillary studies for a definitive identification
• Evaluate and examine challenging entities in prostate, ENT, hematologic, and gynecologic pathology
• Recognize frequent patterns of injury in non-neoplastic renal parenchyma providing insight into potential therapeutic intervention to prevent or delay chronic kidney disease (CKD) as part of the progression of end-stage renal disease (ESRD)
• Understand and appreciate how volume-based fee-for-service schedules are being reduced and at-risk reimbursement mechanisms are expanding
• Discuss the practical trends, market dynamics, and interests reshaping healthcare, and relate that to how labs can step up with value in useful new ways

ACCREDITATION
The University of Miami Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION
University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 24.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE & CONFLICT OF INTEREST RESOLUTION
In accordance with the 2004 Updated ACCME Standards for Commercial Support the University of Miami Leonard M. Miller School of Medicine requires everyone in a position to control the content of a Continuing Medical Education activity – the Course Director(s), Planning Committee Members and all individuals participating as speakers, moderators or authors to disclose all relevant financial relationships with any commercial interest. All potential conflicts of interest are identified and resolved prior to the education activity being provided to learners. Disclosure of relevant financial relationship(s) will be provided to learners prior to the beginning of the educational activity.

SERVICES FOR THE DISABLED
If special arrangements are required for an individual with a disability to attend this conference, please contact the Department of Pathology at 305-689-1867 at least 15 days prior to conference start date.
UNIVERSITY OF MIAMI MILLER SCHOOL OF MEDICINE FACULTY SPEAKERS

Jennifer Chapman, MD
Assistant Professor of Pathology
Director of the Immunohistochemistry Pathology Laboratory

Richard J. Cote, MD, FRCPath, FCAP
Professor and President, Department of Pathology
Professor, Department of Biochemistry and Molecular Biology
Chief of Pathology, Jackson Memorial Hospital
Director, Dr. John T. Macdonald Foundation Biomedical Nanotechnology Institute

Sander R. Dubovy, MD
Professor of Ophthalmology and Pathology
Victor T. Curtin Chair in Ophthalmology
Director of the Florida Lions Ocular Pathology Laboratory and Fellowship Program
Bascom Palmer Eye Institute

Monica T. Garcia-Buitrago, MD
Associate Professor of Pathology
Director of Gastrointestinal Pathology Services and Fellowship Training Program
Director of Cytopathology Fellowship Training Program

Carmen Gomez-Fernandez, MD
Professor of Pathology
Director of Pathology Medical Education
Director of Breast and ENT Pathology Services and Fellowship Programs

Mèrce Jordà, MD, PhD, MBA
Professor and Vice Chair of Anatomic Pathology
Director of Cytopathology and Genitourinary Pathology Services

Nilesh Kashikar, MD, PhD
Assistant Professor of Pathology
Director of Thoracic Pathology Services

Darcy Kerr, MD
Assistant Professor of Pathology

Oleksandr N. Kryvenko, MD, FCAP
Assistant Professor of Pathology and Urology
Director of Genitourinary Fellowship Training Program

Efren Manjarrez, MD, SFHM
Assistant Professor of Clinical Medicine
Interim Chief, Division of Hospital Medicine

Mehrdad Nadji, MD
Professor and Vice Chair of Pathology

Andre Pinto, MD
Assistant Professor of Pathology

Claudia Rojas, MD
Assistant Professor of Pathology
Director of Pediatric Pathology Services

Andrew E. Rosenberg, MD
Professor of Pathology
Director of Bone and Soft Tissue Pathology Services

David B. Thomas, MD
Professor of Pathology
Director of Anatomic Pathology Outreach Services

ACKNOWLEDGEMENTS

The 40th Annual Review and Recent Practical Advances in Pathology course is partially supported by educational grants from Sakura Finetek USA, Inc. and Roche Diagnostics.

INVITED SPEAKERS

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Judge Deborah White-Labora
Associate Administrative Judge
Miami-Dade Domestic Violence Division

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COURSE COORDINATOR

Alicia Cabrera
Clinical Program Manager
Florida Lions Ocular Pathology Laboratory
Bascom Palmer Eye Institute
acabrera@med.miami.edu

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# 40th Annual Review & Recent Practical Advances in Pathology

**Monday, February 15**

<table>
<thead>
<tr>
<th>DAY 1</th>
<th>Time</th>
<th>Session</th>
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<tr>
<td></td>
<td>7:00 AM</td>
<td>Breakfast</td>
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<tr>
<td></td>
<td>7:50 AM</td>
<td>Welcome Remarks</td>
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</tbody>
</table>
|       | 8:00 AM| Predictive and Prognostic Markers in Surgical Pathology  
Mark Wick, MD |
|       | 9:00 AM| A Diagnostic Approach to Lipomatous Neoplasms  
John Goldblum, MD |
|       | 10:00 AM| Coffee Break                                |
|       | 10:30 AM| Selected Mesenchymal Tumors of the Head and Neck  
Mark Wick, MD |
|       | 11:30 AM| Diagnostic Problems of Matrix Forming Tumors of Bone  
Andrew E. Rosenberg, MD |
|       | 12:30 PM| Ocular Lesions Commonly Submitted for Diagnostic Evaluation  
Sander R. Dubovy, MD |

**Tuesday, February 16**

<table>
<thead>
<tr>
<th>DAY 2</th>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td></td>
<td>7:00 AM</td>
<td>Exhibitor Symposium and Breakfast</td>
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</table>
|       | 8:30 AM| The PARIS System for Reporting Urine Cytology; An Overview  
Merce Jorda, MD, PhD, MBA |
|       | 9:30 AM| Diagnostic Pitfalls of Thyroid FNA Cytopathology  
Monica T. Garcia-Buitrago, MD |
|       | 10:30 AM| Coffee Break                                |
|       | 11:00 AM| Challenging FNA Cytology Resolved by Immunocytochemistry  
Mehrdad Nadji, MD |
|       | 12:00 PM| Immunohistochemistry in Breast Pathology  
Carmen R. Gomez-Fernandez, MD |
|       | 7:00 PM| Cocktail Reception                           |

**Wednesday, February 17**

<table>
<thead>
<tr>
<th>DAY 3</th>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td></td>
<td>7:00 AM</td>
<td>Breakfast</td>
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</table>
|       | 8:00 AM| Children, Not Small Adults: A Practical Approach to Pediatric Gastrointestinal Pathology  
Claudia Rojas, MD |
|       | 8:45 AM| Update on Colonic Polyps and Polyposis  
Nilesh Kashikar, MD, PhD |
|       | 9:30 AM| Controversies in the Diagnosis of Barrett’s Esophagus  
John Goldblum, MD |
|       | 10:30 AM| Coffee Break                                |
|       | 10:45 AM| IBD and IBD-Related Dysplasia: One Pathologist’s Perspective  
John Goldblum, MD |
Wednesday, February 17 continued

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:45 AM</td>
<td>A Practical Approach to Non-IBD Colitis</td>
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<td></td>
<td>Monica T. Garcia-Buitrago, MD</td>
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<tr>
<td>12:30 PM</td>
<td><strong>Lunch</strong></td>
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<td>1:00 PM</td>
<td>Prevention of Medical Errors</td>
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<td>Efren Manjarrez, MD, SFHM</td>
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<tr>
<td>3:00 PM</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>3:15 PM</td>
<td>Family Violence</td>
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<td>Judge Deborah White-Labora</td>
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Thursday, February 18

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<thead>
<tr>
<th>DAY 4</th>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 AM</td>
<td><strong>Breakfast</strong></td>
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<tr>
<td>8:00 AM</td>
<td>Advances in Improved Test Utilization</td>
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<td></td>
<td>Gary W. Procop, MD, MS</td>
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<tr>
<td>9:00 AM</td>
<td>Histopathology and Mycology of Fungal Infections</td>
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<td></td>
<td>Gary W. Procop, MD, MS</td>
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<tr>
<td>10:00 AM</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>10:30 AM</td>
<td>Surgical Pathology Consults; My Humbling Cases</td>
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<td></td>
<td>Mehrdad Nadj, MD</td>
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<tr>
<td>11:30 AM</td>
<td>Unknown Cases; Interesting Cases in Surgical Pathology</td>
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<td></td>
<td>MODERATOR: Mehrdad Nadj, MD</td>
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<td>PRESENTERS: Jennifer Chapman, MD, Darcy Kerr, MD, Oleksandr N. Kryvenko, MD, Andre Pinto, MD</td>
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<tr>
<td>12:30 PM</td>
<td>Patterns of Injury in Nephrectomy Specimens</td>
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<td>David B. Thomas, MD</td>
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Friday, February 19

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<thead>
<tr>
<th>DAY 5</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td><strong>Breakfast</strong></td>
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<tr>
<td>8:00 AM</td>
<td>Moving from Volume-Based to Value-Based: New Business Models in the Clinical Laboratory Industry</td>
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<td>Richard J. Cote, MD, FRCPath, FCAP</td>
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<tr>
<td>9:00 AM</td>
<td>How Healthcare’s Transformation Opens the Door for Labs and Pathology Groups to Add Value to Physicians, Patients, and Payers</td>
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<td></td>
<td>Robert Michel</td>
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<tr>
<td>10:00 AM</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>10:30 AM</td>
<td>W.A.D. Anderson Award Presentation</td>
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<td>10:45 AM</td>
<td>Why Precision Medicine is Poised to Play Perfectly to the Strengths of Pathology and Laboratory Medicine</td>
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<td></td>
<td>Robert Michel</td>
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<tr>
<td>11:45 AM</td>
<td>Closing Remarks</td>
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HOTEL INFORMATION
Welcome to a spectacular blend of Golden Era glamour and modern luxury. The Fontainebleau Miami Beach offers a total of 1,504 guestrooms offering luxurious comfort and privacy. From guestrooms to three bedroom suites, penthouses and triple connecting rooms, your stay will be made unique by providing a variety of room/suite configurations. Many guestrooms and suites have breathtaking views of the Atlantic Ocean, as well as the twinkling necklace of lights that reveals Miami Beach at night. Amenities found in all guestrooms include flat screen TVs, robes, a 20” iMac® featuring internet access, in-room private bar and an iPod docking station. Modern, sophisticated interior designs create an atmosphere of quiet and calm for effortless relaxation.

ACTIVITIES
Fontainebleau’s poolscape boasts “walls of water” intermingled with a free-form pool. Guests can relax by an exclusive European-style pool with a sexy enclave surrounded by cabanas and sun loungers providing personalized service, each equipped with wireless internet, a 32-inch, flat screen television, butler service, mini refrigerator, digital safe able to store a laptop or other personal items, and phone with data connection. Families can spend a memorable day at the children’s pool. A special area for kids is outfitted with comfortable cabanas and lounge chairs that allow parents to relax while overseeing their children at play. The resort’s youngest guests can enjoy an interactive play area with a beach-style entry, waterslide and spray canopy. Family cabanas accommodate up to four guests. At the beach, guests can rent beach umbrellas, chairs, cabanas and enjoy a variety of water sports including windsurfing and jet skis.

The Lapis spa, a luxurious retreat designed with your well-being in mind. Overlooking the Atlantic Ocean, indulge yourself in an oasis that embraces the beauty and energy of its setting to create a transformative experience for body, mind and spirit.

The 5,800 square foot Gym facility overlooks the freeform bow-tie pool, the Ocean Lawn and the Atlantic Ocean. This master-designed facility features advanced equipment using superior technology to strengthen and trim the body.

DINING AND NIGHTLIFE
At the direction of culinary celebrities from around the globe, Fontainebleau Miami Beach offers 12 fine dining and casual restaurants and lounges. The resort presents exciting culinary concepts developed, created and prepared daily on-site. We are proud to celebrate our three signature restaurants on property, which have all received the prestigious AAA Four Diamond award. Choose your style, from intimate lounges with soft beats to the hottest nightclub on the planet delivering celebrity hosts and DJs pumping in today’s top sounds.

HOTEL RESERVATIONS
We have reserved a block of rooms at a special conference rate of $355 per night exclusive of applicable state and local taxes and hotel fee. This room rate will only be available until January 14, 2016 (or as long as rooms are available in the block) so participants are urged to book reservations early to take advantage of the reduced conference rate. After January 15, 2016, higher room rates will apply. All hotel reservations, including cancellations, must be made directly with the hotel and are subject to their terms and conditions. For hotel reservations, please call 1-800-548-8886 or 305-535-3283 or using the hotel reservation link on the conference website: www.pathadvances.med.miami.edu.

EXHIBITORS
We would like to acknowledge Beckman Coulter Life Sciences, Foundation Medicine, Genomic Health, Genoptix, Huron Technologies, Lab Corp, Quest Diagnostics, Sysmex America, and Veracyte for exhibiting at this conference.
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February 15-19, 2016 • Fountainebleau Miami Beach

Last Name: _____________________________________ First Name: ____________________________________________
Degree: ___________________________________________ Specialty: _____________________________________________
Social Security # (last 4 digits) for CME purposes: ________________________________________________________

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Institution: ____________________________________________________________________________________________
Department: __________________________________________________________________________________________
Street: ______________________________________________________________________________________________
City: _____________________________________ State: ___________________________ Zip Code: ______________________
Country: ______________________________________________________________________________________________
Telephone number: __________________________ Email Address: ________________________________________________

Registration:
Registration includes participation in all general session lectures and workshops, educational materials, daily breakfast and break, and social events.

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<tr>
<th>PARTICIPANT TYPE</th>
<th>“EARLY BIRD” REGISTRATION (On or before 5/1/15)</th>
<th>REGISTRATION</th>
<th>ON-SITE REGISTRATION</th>
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<tr>
<td>Practicing Physicians</td>
<td>❑ $700</td>
<td>❑ $900</td>
<td>❑ $975</td>
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<tr>
<td>Physicians in Active Duty Armed Forces, UM/JMH Alumni</td>
<td>❑ $550</td>
<td>❑ $750</td>
<td>❑ $825</td>
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<tr>
<td>Retired Physicians, Residents, Fellows, Pathology Assistants, and Laboratory Technologists</td>
<td>❑ $450</td>
<td>❑ $650</td>
<td>❑ $725</td>
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CREDIT CARD PAYMENT
❑ Visa ❑ MasterCard ❑ American Express
Name on card: __________________________________________________________
Billing address: _________________________________________________________
Credit card number __________________________ Expiration date: ___________ Security code: __________________

REGISTRATION BY MAIL:
Please include completed registration form with payment. Checks and money orders should be made payable to University of Miami Pathology Department and mailed via secure mail (Federal Express, UPS) to the following address:
Carmen Gomez-Fernandez, MD
University of Miami Hospital, Department of Pathology
1400 NW 12th Avenue, Room 4058, Miami, FL 33136
Office: 305-689-1867

CANCELLATION POLICY:
Refunds (less $75 cancellation fee) will be made ONLY if written notice of cancellation is received prior to January 14, 2016. After this date, NO REFUNDS WILL BE ISSUED. In cases where the course is canceled due to insufficient registrations, a full tuition refund will be made. Refunds will be processed after completion of the conference.
Department of Pathology
University of Miami Hospital
1400 NW 12th Avenue, Room 4076
Miami, FL 33136

REGISTER ON-LINE TODAY AT:
www.pathadvances.med.miami.edu

FONTAINEBLEAU MIAMI BEACH
4441 Collins Avenue,
Miami Beach, Florida 33140
1-800-548-8886

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