41st ANNUAL REVIEW AND RECENT PRACTICAL ADVANCES IN PATHOLOGY

FEBRUARY 12-17, 2017
Fontainebleau Hotel
Miami Beach, Florida

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

Sponsored by:
University of Miami
Leonard M. Miller School of Medicine
OVERVIEW
The Department of Pathology proudly presents the 41st 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. 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 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 “41st 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
- Understand the key prognostic and predictive factors in the pathology of breast cancer
- Analyze various current guidelines and diagnostic criteria that will help to direct appropriate interventions for genitourinary cancer patients
- Accurately diagnose the different subtypes of inflammatory myopathy based on a combination of clinical and muscle biopsy findings
- Evaluate the use of a limited immunohistochemical panel for the practical diagnostic approach for testicular tumors
- Recognize Extramedullary Marginal Zone Lymphomas developing in the context of acquired MALT
- Describe the histological and cytological features of pancreatic neoplasms
- Monitor and manage anticoagulants and antiplatelet drugs
- Understand the background of breast cancer gene expression profiling and how the pathologist assures quality patient care
- Recognize diagnostic features of diffuse large B cell lymphoma
- Comprehend the use of select immunohistochemical reagents as tools for CNS tumor classification and as surrogates for molecular diagnostic investigation
- Expose the learner to practical issues regarding head and neck malignancies and related lesions in their daily practice in order to render an accurate and timely differential diagnosis and staging of the malignancy
- Address the potential implications of NIFTP for the cytopathology of thyroid
- How to diagnose Zika infection and assess potential prophylactics and therapies
- Determine the most appropriate use and application of histopathologic, immunohistochemical and molecular studies in challenging diagnostic scenarios
- Recognize and render a differential diagnosis with greater familiarity for gynecological tumors that may present themselves in daily practice
- Understand the Institute of Medicine’s definition of “medical error”
- Improve recognition and evaluation of domestic violence
- Compare and contrast the strengths and weaknesses of using clinical decision support tools for the purposes of test utilization
- Evaluate and examine challenging entities in ENT, bone and soft tissue, hematologic, gynecologic, genitourinary, head and neck pathology
- Recognize the diagnostic features and clinical implications of the various breast intraductal epithelial proliferations

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
The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 25 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.

COURSE COORDINATOR
ALICIA CABRERA
Clinical Program Manager
Bascom Palmer Eye Institute
University of Miami, Miller School of Medicine
acabrera@med.miami.edu
UNIVERSITY OF MIAMI MILLER SCHOOL OF MEDICINE FACULTY SPEAKERS

David M. Andrews, MD
Associate Professor of Pathology
Medical Director of Pathology Laboratories at Jackson Memorial Hospital
Medical Director of the Special Coagulation Laboratory
Program Director of the Molecular Genetic Pathology Fellowship Program

Jennifer Chapman, MD
Assistant Professor of Pathology
Director of the Immunohistochemistry Laboratory
Interim Associate Director of the Pathology Residency Training Program

Jeong Hee Cho, MD, PhD
Associate Professor of Pathology
Director of Dermatopathology

Richard J. Cote, MD, FRCPath, FCAP
Professor and Joseph R. Coulter Jr. Chair, 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 & Pathology
Victor T. Curtin Chair of Ophthalmology
Director of the Florida Lions Ocular Pathology Laboratory
Medical Director of the Florida Lions Eye Bank
Bascom Palmer Eye Institute

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

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

Sakir Humayun Gultekin, MD, FCAP
Director of Neuropathology Services
Director of Clinical and Molecular Interim Director of the Pathology Residency Training Program

Offiong F. Ikpatt, MD, PhD
Associate Professor of Pathology
Director of Hematopathology Fellowship Training Program

Merce Jorda, 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

André Pinto, MD
Assistant Professor of Pathology

Claudia Rojas, MD
Assistant Professor of Pathology

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

Paul Taylor-Smith, MD, FRCP
Vice Chair and Chief of Clinical Pathology

Francisco Vega, MD, PhD
Professor of Pathology
Director of Hematopathology Services

David I. Watkins, PhD
Professor of Pathology
Vice Chair of Research

INVITED SPEAKERS

DAVID J. DABBS, MD
Professor of Pathology
Chief of Pathology, Magee-Womens Hospital of UPMC

MARC K. ROSENBLUM, MD
Professor of Pathology
Chief, Autopsy Service
Director, Neuropathology
Founder’s Chair, Memorial Sloan Kettering

BRUCE M. WENG, MD
Moffitt Cancer Center
Section Head, Head and Neck, and Endocrine Pathology
Senior Member Anatomic Pathology Department of Pathology
Professor, University of South Florida Oncological Sciences

JUDGE DEBORAH WHITE-LABORA
Associate Administrative Judge
Miami-Dade Domestic Violence Division

COURSE DIRECTOR

CARMEN GOMEZ-FERNANDEZ, MD
Course Director
Professor of Pathology
Director of Pathology, Medical Education
Director of Breast and ENT Pathology Services and Fellowship Training Programs
University of Miami, Miller School of Medicine

COURSE CO-DIRECTORS

SANDER R. DUBOY, MD
Course Co-Director
Professor of Ophthalmology and Pathology
Viktor T. Curtin Chair in Ophthalmology
Director of the Florida Lions Ocular Pathology Laboratory and Fellowship Training Program
Bascom Palmer Eye Institute
University of Miami, Miller School of Medicine

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Course Co-Director
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Director of Cytopathology and Genitourinary Pathology Services
University of Miami, Miller School of Medicine

PAUL TAYLOR-SMITH, MD, FRCP
Course Co-Director
Vice Chair and Chief of Clinical Pathology
Department of Pathology
University of Miami, Miller School of Medicine
### Monday, February 13

**DAY 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
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<tr>
<td>7:50 AM</td>
<td>Welcome Remarks</td>
</tr>
</tbody>
</table>
| 8:00 AM | Keratinizing Dysplasia and Variants of Squamous Cell Carcinoma of the Head and Neck  
Bruce Wenig, MD|
| 9:00 AM | Updates on HPV in Head and Neck Cancer                                     |
| 10:00 AM | Coffee Break                                                              |
| 10:30 AM | Minimal Criteria for Diagnosing Thyroid Carcinoma                          |
| 11:30 AM | Impact of NIFTP on Thyroid Diagnostic Cytopathology                       |
| 12:15 PM | A Practical Approach to Lymphomas of the Head and Neck                    |
|         | Jennifer Chapman, MD, Offiong F. Ikpatt, MD, Francisco Vega, MD           |

### Tuesday, February 14

**DAY 3**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
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<tr>
<td>8:00 AM</td>
<td>New Prostate Cancer Grading – Is it Time to Use it?</td>
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<tr>
<td></td>
<td>Oleksandr N. Kryvenko, MD, FCAP</td>
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<tr>
<td>8:40 AM</td>
<td>Testicular Germ Cell Tumors, A Simplistic Approach</td>
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<tr>
<td></td>
<td>Merce Jorda, MD, PhD, MBA</td>
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<tr>
<td>9:20 AM</td>
<td>Pancreas Pathology: A Practical Review of Histology and Cytopathology</td>
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<tr>
<td></td>
<td>Monica T. Garcia-Buitrago, MD</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Interesting Cases in Surgical Pathology Workshop</td>
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<tr>
<td></td>
<td>MODERATOR: Andrew E. Rosenberg, MD</td>
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<tr>
<td>1:30 PM</td>
<td>Domestic Violence</td>
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<tr>
<td></td>
<td>Judge Deborah White-Labora</td>
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<tr>
<td>3:45 PM</td>
<td>Prevention of Medical Errors</td>
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<tr>
<td></td>
<td>Efren Manajarrez, MD</td>
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### Wednesday, February 15

**DAY 4**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
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<tr>
<td>7:30 AM</td>
<td>Exhibitors Symposium</td>
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<tr>
<td>8:30 AM</td>
<td>Navigating MACRA, MIPS, and the Future of Value-Based Payments</td>
</tr>
<tr>
<td></td>
<td>Mick Raich</td>
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</table>
### Wednesday, February 15 continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15 AM</td>
<td>New Trends in Anatomic Pathology Practice Management</td>
</tr>
<tr>
<td></td>
<td>Merce Jorda, MD, PhD, MBA</td>
</tr>
<tr>
<td>10:00 AM</td>
<td><strong>Coffee Break</strong></td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Monitoring and Managing Anticoagulants and Antiplatelet Drugs</td>
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<tr>
<td></td>
<td>David Andrews, MD</td>
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<tr>
<td>11:30 AM</td>
<td>Beyond Flow, How Clinical Pathology is Changing the Paradigm in Histopathology: Enhancing Accuracy and Speed</td>
</tr>
<tr>
<td></td>
<td>Paul Taylor-Smith, MD, FRCP</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Measures to Combat Zika Virus</td>
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<td></td>
<td>David I. Watkins, PhD</td>
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<tr>
<td>5:00 PM</td>
<td>Cocktail Reception</td>
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<td>Arkadia Private Pool Area</td>
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### Thursday, February 16

#### DAY 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
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</tr>
<tr>
<td>8:00 AM</td>
<td>Breast Cancer Prognostic and Predictive Markers</td>
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<tr>
<td></td>
<td>David J. Dabbs, MD</td>
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<tr>
<td>9:00 AM</td>
<td>The Evolving Role of the Pathologist in Breast Cancer Gene Expression Profiling</td>
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<tr>
<td></td>
<td>David J. Dabbs, MD</td>
<td></td>
</tr>
<tr>
<td>10:00 AM</td>
<td><strong>Coffee Break</strong></td>
<td></td>
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<tr>
<td>10:30 AM</td>
<td>Mammary Intraductal Epithelial Proliferations</td>
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<tr>
<td></td>
<td>Carmen Gomez-Fernandez, MD</td>
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<tr>
<td>11:15 AM</td>
<td>The Role of Immunohistochemistry in Selected Lesions in Gynecologic Pathology</td>
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<tr>
<td></td>
<td>Andre Pinto, MD</td>
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<tr>
<td>12:00 PM</td>
<td>Genomically Derived Antibodies in Diagnostic Immunohistochemistry</td>
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<tr>
<td></td>
<td>Mehrdad Nadji, MD</td>
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</tbody>
</table>

### Friday, February 17

#### DAY 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Select Diagnostic Problems in Bone and Soft Tissue Pathology</td>
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<tr>
<td></td>
<td>Andrew E. Rosenberg, MD</td>
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<tr>
<td>9:00 AM</td>
<td>Surgical Neuropathology Update, Part 1</td>
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<tr>
<td></td>
<td>Marc K. Rosenblum, MD</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>WAD Anderson Award Presentation</td>
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<tr>
<td>10:45 AM</td>
<td>Surgical Neuropathology Update, Part 2</td>
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<tr>
<td></td>
<td>Marc K. Rosenblum, MD</td>
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<tr>
<td>11:45 AM</td>
<td>Update on Biopsy Diagnosis of Myositis</td>
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<td></td>
<td>Sakir Humayun Gultekin, MD, FCAP</td>
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<tr>
<td>12:30 PM</td>
<td>Closing Remarks</td>
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<tr>
<td></td>
<td>Carmen Gomez-Fernandez, MD</td>
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</tbody>
</table>
FONTAINEBLEAU MIAMI BEACH

4441 Collins Avenue, Miami Beach, Florida 33140 • 1-800-548-8886

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.

Fontainebleau’s treelined poolscape boasts small dipping pools intermingled with the iconic Bowtie freeform pool, and romantic enclaves. Families can spend a memorable day at the interactive children’s waterscape play area. Delicious snacks and your favorite drinks are always close at hand, thanks to table service and our attentive waitstaff. Ocean lovers can enjoy beach umbrellas, chairs, cabanas and enjoy a variety of water sports including paddle board, banana boat rides and jet-ski, all available for rental.

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 have reserved a block of rooms at a special conference rate of $385 per night exclusive of applicable state and local taxes and hotel fee. This room rate will only be available until January 12, 2017 (or as long as rooms are available in the block). Participants are urged to book reservations early to take advantage of the reduced conference rate. After January 13, 2017, 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 use the hotel reservation link on the conference website: www.pathadvances.med.miami.edu.

ACKNOWLEDGEMENTS
The 41st Annual Review and Recent Practical Advances in Pathology course is partially supported by educational grants from Roche Diagnostics and Sakura Finetek USA, Inc.

EXHIBITORS

ACCELERATE DIAGNOSTICS
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LEICA
NEOGENOMICS

SCC SOFT COMPUTER
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VERACYTE
REGISTRATION FORM

41st ANNUAL REVIEW AND RECENT PRACTICAL Advances In Pathology
February 12-17, 2017 • Fontainebleau Miami Beach

Last Name: _____________________________________ First Name: _______________________

Degree: ________________________________________ Specialty: _________________________

Social Security # (last 4 digits) for CME purposes: _______________________________________

MAILING ADDRESS:

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.

<table>
<thead>
<tr>
<th>REGISTRATION</th>
<th>ON-SITE REGISTRATION</th>
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<tbody>
<tr>
<td>Practicing Physicians</td>
<td>❑ $900</td>
</tr>
<tr>
<td>Physicians in Active Duty Armed Forces, UM/JMH Alumni</td>
<td>❑ $750</td>
</tr>
<tr>
<td>Retired Physicians, Residents, Fellows, Pathology Assistants, and Laboratory Technologists</td>
<td>❑ $650</td>
</tr>
</tbody>
</table>

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:

Alicia Cabrera
Clinical Program Manager
Bascom Palmer Eye Institute
900 NW 17th Street, Room 350
Miami, FL 33136

CANCELLATION POLICY:

Refunds (less $75 cancellation fee) will be made ONLY if written notice of cancellation is received prior to January 13, 2017. 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.