This inaugural Miami Precision Medicine Conference will highlight the best of technology, science, and oncology practice to advance the future of cancer care. CME topics will include:

- Next Generation Sequencing, Liquid Biopsies, and Molecularly Driven clinical trials
- Artificial Intelligence for Precision Medicine in 2022
- Facing Rare and Common Tumor Types in Adults & Children: Precision Medicine Opportunities
- New Era of Hope for Patients and Patient Advocates: Potentially Life-Saving Molecularly Targeted Therapies

REGISTRATION & INFORMATION
www.cme.med.miami.edu
OVERVIEW
Precision medicine emerged to prominence over the last decade with a major impact on outcomes, allowing for personalized cancer treatments.

The speed of scientific breakthroughs in precision medicine is leading to groundbreaking therapies. Novel Artificial Intelligence (AI) engines can potentially help to identify patterns and allow teams to uncover innovative strategies for specific cancers and individual patient populations. Today more than ever before, physician-scientists working with patients need real-time information aimed at creating an improved, value-based survivorship.

The first Miami Precision Medicine (MPM) international conference will bring together diverse experts in the field to share their knowledge and approaches in moving precision medicine towards routine practice. The course will examine the treatment landscape for various cancer types based on published and emerging data. An interdisciplinary molecular tumor board case discussion will illustrate the role of genomic alterations in selecting targeted treatments as well as present relevant precision medicine clinical trials.

Patients and advocacy groups will have an opportunity to share their insight, learn about promising clinical trials and partner with physicians to develop new strategies tailored to their specific needs. We aim to identify barriers to precision medicine, to promote and facilitate awareness, education and equity in precision medicine cancer care.

TARGET AUDIENCE
The educational activity is intended for adult and pediatric medical hematologists and oncologists, surgical and radiation oncologists, gynecologic oncologists, pharmacists, primary care physicians, physician assistants, advanced registered nurse practitioners, nurses, research members, residents, fellows, patients and patient-advocacy groups as well as other allied health professionals.

CREDIT DESIGNATION
The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

LEARNING OBJECTIVES
At the conclusion of this activity, participants will be able to:
• Interpret next generation sequencing (NGS) results
• Interpret results of a liquid biopsy (ctDNA)
• Describe common molecular alterations and the role of molecular diagnostic tests in different cancer types
• Distinguish actionable vs. non-actionable genetic alterations
• Summarize recent and emerging data from key studies in clinical and translational cancer research for the following areas: Hematological malignancies (acute myeloid leukemia and lymphoma), pediatric cancers, neuro-oncology, breast cancer, genitourinary cancer, gastrointestinal cancer, sarcoma, breast cancer, lung cancer, melanoma, gynecological malignancies
• Translate current knowledge on actionable molecular alterations into value-based therapeutic strategies
• Summarize role of biomarkers in selection of targeted therapies and immunotherapies in different cancer types
• Recognize the emerging role of Artificial Intelligence in precision medicine
• List precision medicine clinical trials available and their preliminary promising results
• Implement strategies designed to improve the quality of cancer care, address barriers to optimal care and enhance the patient experience
• Identify scientific advances in the field of cancer biology and tumor pathogenesis
• Develop collaborations that will lead to improved clinical trial portfolio and clinical trial participation
• Interact with patients and patient advocacy groups to promote access to molecularly-driven therapies and available clinical trials
• Facilitate patient-oncology experts interaction and an understanding of survivorship challenges in the era of precision medicine

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION
All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

HOTEL INFORMATION:
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Fort Lauderdale, FL 33304
Phone: (954) 465-2300
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Division of Hematology, Department of Medicine  
Sylvester Comprehensive Cancer Center
AGENDA SATURDAY, APRIL 2, 2022

7:30 - 8:00 AM  Registration & Continental Breakfast

8:00 - 8:20 AM  Welcome and Opening Remarks/Pre-Session Survey
    Carmen Calfa, MD • Craig Moskowitz, MD

8:00 - 12:00 PM  CONCURRENT SESSION: Patients/Patient Advocacy Groups
    Moderator: Estelamari Rodriguez, MD

8:20 - 9:00 AM  The ASCO TAPUR Study: Learning from Precision Medicine in Practice
    Richard L. Schilsky, MD

9:00 - 9:20 AM  Translating Precision Medicine in Oncology to Patient Treatment Options (Sponsored by Caris Life Sciences)
    Ari VanderWalde, MD, MPH, MBE, FACP

9:20 - 9:40 AM  ctDNA Principles and Indications for Use of ctDNA
    Cesar Serrano, MD, PhD

9:40 - 10:10 AM  Coffee Break and Visit Exhibits

10:10 - 10:40 AM  Panel Discussion: Molecular Tumor Board (Multidisciplinary Participation, Case Presentation)
    Carmen Calfa, MD • Patricia Castillo, MD • Macarena de la Fuente, MD • Marilyn Huang, MD, MS • Merce Jorda, MD, PhD, MBA
    Andrew E. Rosenberg, MD • Ali Saad, MD • Moderator: Jonathan Trent, MD, PhD

10:40 - 11:00 AM  Treatment of Cutaneous Malignancies in the Era of Precision Medicine
    Jose Lutzky, MD

11:00 - 11:20 PM  Precision Medicine in Pediatric Oncology
    Asha B. Pillai, MD

11:20 - 11:40 PM  Current Use and Future Applications of Precision Medicine in Treating GI Cancers
    Peter Hosein, MD

11:40 - 12:00 PM  Mechanisms of Resistance to Immunotherapy in Hematological Malignancies
    Francesco Maura, MD

12:00 - 1:00 PM  Lunch- Faculty and Attendees

1:00 - 1:20 PM  Precision Medicine in Primary Brain Tumors
    Macarena de la Fuente, MD

1:20 - 1:40 PM  Current and Future Role of Precision Oncology in Breast Cancer
    Carmen Calfa, MD

1:40 - 2:00 PM  Genitourinary (Prostate, Bladder and Kidney) Cancers
    Jaime Merchan, MD

2:00 - 2:20 PM  Current Biomarkers in Gynecologic Cancers
    Marilyn Huang, MD, MS

2:20 - 2:40 PM  Precision Oncology in the Diagnosis and Management of Sarcoma Patients
    Jonathan Trent, MD, PhD

2:40 - 3:00 PM  Coffee Break and Visit Exhibits

3:00 - 3:20 PM  Targeted Therapies in Acute Myeloid Leukemia
    Justin M. Watts, MD

3:20 - 3:40 PM  Precision Oncology in Lung Cancer: Where Are We Today and Where Are We Going Tomorrow?
    Gilberto de Lima Lopes Junior, MD, MBA

3:40 - 4:00 PM  Artificial Intelligence in the Era of Precision Medicine
    Ravi Saigia, MD, PhD

4:00 - 4:20 PM  Patient-Centered Cancer Care to Optimize Quality of Life
    Patricia I. Moreno, PhD

4:20 - 4:40 PM  Patient Engagement and Management of Patient-Reported Outcomes (PROs) in Precision Medicine and Survivorship Care
    Frank Penedo, PhD

4:40 - 5:00 PM  Closing Remarks/Post-Session Survey
    Jonathan Trent, MD, PhD • Carmen Calfa, MD

**Agenda is subject to change
**REGISTRATION FORM**

To register, please visit [www.cme.med.miami.edu](http://www.cme.med.miami.edu) or complete this form and email to: mfreedman@med.miami.edu

First Name _____________________________________________  Last Name _____________________________________________________

Degree (MD, DO, PhD, ARNP, etc.) ______________________________  Month/Day of Birth (for CME recording purposes) ___________________

Affiliation _____________________________________________________________________________________________________________

Specialty _____________________________________________________________________________________________________________

Mailing Address ________________________________________________________________________________________________________

City __________________________________  State Zip/Postal Code ________________  Daytime Telephone ____________________________

Fax ___________________________  Email (mandatory) _______________________________________________________________________

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10% Discount for FLASCO members • Continental Breakfast, coffee breaks, lunch and syllabus included in Registration Fee.

### PAYMENT METHOD

Check: Please make check payable to UM/Division of CME (reference Account #BG000027 on the check)

Charge my registration fee in the amount of $ _____________ to my:  

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- [ ] Website  
- [ ] Social Media  
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### REGISTRATION CANCELLATION POLICY

Refunds will be made only if written notice of cancellation is received. To receive a full refund, please submit your written request to mfreedman@med.miami.edu prior to March 1, 2022. After this date, only partial refunds will be made (50% of the paid tuition price). Please note there will be no refunds after March 15, 2022. In cases where a course is canceled due to insufficient registrations, a full tuition refund will be made.

### SERVICES FOR THE DISABLED

Please contact the Division of CME prior to March 1, 2022 should you have any special needs that may require additional assistance. A conference staff member will contact you to discuss these special requirements.

### FOR MORE INFORMATION, CONTACT

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