

# 3RD BIENNIAL MIAMI PRECISION MEDICINE

Unraveling the DNA to Conquer Cancer

# 2026

Ritz-Carlton  
Fort Lauderdale

**APRIL 11-12, 2026**

- Germline Testing
- Genomic Testing
- Multi-omics
- Molecular Pathways
- Artificial Intelligence
- Cancer Prevention
- Cancer Treatment
- Lifestyle Medicine
- Survivorship Care



**PROGRAM DIRECTOR**



Carmen Calfa, M.D.

**PROGRAM CO-DIRECTORS**



Craig H. Moskowitz, M.D.



Estelamari Rodriguez, M.D., MPH



Jonathan C. Trent, M.D., Ph.D.

Presented by:



Sponsored by:

University of Miami Miller School of Medicine

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# 3RD BIENNIAL MIAMI PRECISION MEDICINE

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## COURSE OVERVIEW

The 3rd Biennial Miami Precision Medicine (MPM) 2026 conference will bring together diverse experts in the field to share their knowledge and approaches in moving the precision medicine field towards routine practice. Precision Oncology- treating the right patient with the right treatment at the right time- has made substantial progress in developing novel and effective treatments that target specific molecular alterations in an increasing number of cancer types. The course will examine the treatment landscape based on published and emerging data.

The conference will also illustrate the role of Artificial Intelligence (AI) in identifying patterns and innovative strategies for specific cancers and individual patient populations. An interdisciplinary molecular tumor board case discussion will emphasize the role of germline and genomic alterations in selecting targeted treatments as well as present relevant precision medicine clinical trials.

The success of next-generation precision oncology depends not only on the discovery of new actionable disease characteristics and the integration of multi-omic data, but also on the dissemination of clinical information amongst health-care providers and the ability of patients to access novel targeted anticancer therapies not only locally, but globally.

Patients and advocacy groups will have an opportunity to "sit at the table" and share their insight, learn about promising clinical trials and partner with physicians to develop new strategies tailored to their specific needs.

The conference's goal is to promote and facilitate awareness, education and equity in precision medicine cancer care and ultimately to identify and overcome barriers to precision medicine.

The event will feature two concurrent sessions:

### Provider Session - Advancing Precision Medicine

This session will focus on the integration of precision medicine into routine cancer care. Hear from national and international leaders about emerging innovations, clinical applications and the future of personalized oncology.

Topics will include germline and genomic testing, multi-omics, molecular pathways, novel treatment and artificial intelligence.

### Patient Session - Empowering Survivors: Living Longer, Living Better

Designed for patients and advocates, this session will highlight role of germline and genomic testing, principles of precision oncology and survivorship, role of clinical trials and more. Topics will include cancer prevention and treatment, lifestyle medicine and survivorship care.

## LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

- Expedite adoption of germline and genomic testing in clinical practice
- Interpret next generation sequencing (NGS) results
- Interpret results of a liquid biopsy (ctDNA)
- Explain the role of multi-omics in precision oncology
- 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
- Describe common molecular alterations and the role of molecular diagnostic tests in different cancer types
- Summarize recent and emerging data from key studies in clinical and translational cancer research
- Implement strategies designed to improve the quality of cancer care, address barriers to optimal care and enhance the patient experience
- Identify the role of lifestyle intervention in the precision medicine care model
- Identify the role of 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 understanding of survivorship challenges in the era of precision medicine

## 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.

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## 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.

## CREDIT DESIGNATION

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **11.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## DISCLOSURE AND CONFLICT OF INTEREST MITIGATION

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

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## PROGRAM DIRECTOR



### Carmen Calfa, MD

Associate Professor of Clinical Medicine, University of Miami Miller School of Medicine  
Breast Medical Oncologist, Braman Family Breast Cancer Institute  
Clinical Research Leader, Breast Site Disease Group  
Medical Director-Cancer Survivorship and Supportive Care Institute  
Sylvester Comprehensive Cancer Center  
Associate Director of Community Outreach - Plantation  
Sylvester Comprehensive Cancer Center  
University of Miami Miller School of Medicine

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## PROGRAM CO-DIRECTORS



### Craig H. Moskowitz, MD

Professor, Director of Academic Clinical Development. Sylvester Comprehensive Cancer Center



### Estelamari Rodriguez, MD, MPH

Clinical Research Lead, Thoracic Site Disease Group. Associate Director for Community Outreach-Thoracic Oncology. Sylvester Comprehensive Cancer Center



### Jonathan C. Trent, MD, PhD

Professor. Associate Director, Clinical Research. Director, Sarcoma Medical Research Program. Sylvester Comprehensive Cancer Center

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## GUEST FACULTY

### **Ting Bao, MD, MS**

Physician, Medical Oncology, Co-Director, The Leonard P. Zakim Center for Integrative Therapies and Healthy Living. Associate Professor, Harvard Medical School. Dana-Farber Cancer Institute

### **Giuseppe Curigliano, MD, PhD**

Professor of Medical Oncology and Chief of the Clinical Division of Early Drug Development. European Institute of Oncology, Milan. International Cardio-Oncology Society (ICOS) President. Member of the Scientific Advisory Council of the International Breast Cancer Study Group (IBCSG)

### **Susan Domchek, MD, FASCO, FAACR**

Professor of Oncology, Executive Director, Basser Center for BRCA. Director, MacDonald Women's Cancer Risk Evaluation Center. University of Pennsylvania

### **Fred R. Hirsch, MD, PhD**

Executive Director, Center for Thoracic Oncology and Co-Director, Center of Excellence for Thoracic Oncology at The Tisch Cancer Institute at Mount Sinai (TCI) and Joe Lowe and Louis Price Professor of Medicine (Hematology and Medical Oncology) at Icahn School of Medicine at Mount Sinai. Associate Director of Biomarker Discovery for TCI

### **Jason Starr, DO**

Medical Oncologist, Mayo Clinic Comprehensive Cancer Center, Jacksonville, Florida

### **Vamsi Velcheti, MD, MBA, FASCO**

Mayo Clinic Comprehensive Cancer Center, Oncology (Medical) Hematology, Jacksonville, Florida

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## MOTIVATIONAL KEYNOTE SPEAKER

### **Christine Handy**

Breast Cancer Survivor, Model, Mother, Motivational Speaker, and Author of *Walk Beside Me*.

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## UNIVERSITY OF MIAMI HEALTH SYSTEM / SYLVESTER COMPREHENSIVE CANCER CENTER FACULTY

### **Steven Bialick, DO**

Medical Oncology, Gastrointestinal, Sarcoma & Connective Tissue Medical Oncology. University of Miami Health System

### **Marijo Bilusic, M.D., Ph.D.**

Medical Oncology, Genitourinary Site Disease Group Lead, GU SDD Medical Oncology Lead, Professor of Clinical Medicine

### **Priscila Barreto, MD**

Breast Medical Oncology. University of Miami Health System

### **R. Patricia Castillo, MD**

Professor of Clinical Radiology. Division Director of Body Imaging. Vice Chair of Wellness. University of Miami Health System

### **Brooke Crawford, MD, MBA**

Associate Professor and Division Chief, Orthopaedic Oncology  
Associate Orthopaedic Residency Program Director  
Miller of School of Medicine  
University of Miami Hospital  
Sylvester Cancer Center  
Jackson Memorial Hospital  
Miami Veterans Hospital

### **Richa Dawar, MD**

Thoracic and Breast Medical Oncology. Internal Medicine and Hematology. University of Miami Health System

### **Aditi Dhir, MD**

Associate Professor of Clinical Pediatrics. Pediatric Hematology/Oncology. Sylvester Comprehensive Cancer Center

### **Macarena De La Fuente, MD**

Chief, Neuro-Oncology Division. Sylvester Comprehensive Cancer Center

### **Sakir ("Hume") Gultekin, MD**

Clinical Professor, Department of Pathology and Laboratory Medicine. Director of Neuropathology Service, Division of Anatomic Pathology, and Clinical Research Operations. Program Director of Neuropathology Fellowship. University of Miami

### **Antonio Iavarone, MD**

Professor of Neurological Surgery & Biochemistry and Molecular Biology. Deputy-Director, Sylvester Comprehensive Cancer Center

### **Chinmay Jani, MD**

Chief Fellow, Hematology Oncology. Sylvester Comprehensive Cancer Center

### **Datta Jashodeep, MD**

Associate Professor of Surgery  
Co-Leader, Gastrointestinal Site Disease Group, Sylvester Comprehensive Cancer Center  
Associate Director, Translational Research, Sylvester Pancreatic Cancer Research Institute DiMare Family Endowed Chair in Immunotherapy University of Miami Miller School of Medicine

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## **Merce Jorda, MD, PhD, MBA**

Professor and Joseph R. Coulter, Jr. Chair. CLIA Director of UHealth Laboratories. Director of Genitourinary Pathology. Chief of Pathology, Jackson Health System

## **Melissa Lopez-Pentecost, PhD, RDN**

CRANE Lab, Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine

## **Jose Lutzky, MD**

Professor of Clinical Medicine, Hematologist Oncologist. Sylvester Comprehensive Cancer Center

## **Jaime Merchan, MD**

Professor of Medicine, Co-Leader, Translational and Clinical Oncology Research Program, Director, Phase 1 Clinical Trials Program. Sylvester Comprehensive Cancer Center

## **Stephen Nimer, MD**

Professor of Medicine, Division of Hematology. Director, Sylvester Comprehensive Cancer Center. Executive Dean for Research, University of Miami Miller School of Medicine

## **Emanuela Palmerini, MD, PhD**

Professor of Clinical Medicine. Sylvester Comprehensive Cancer Center

## **Frank Penedo, PhD, FABMR, FSBM**

Professor, Departments of Psychology and Medicine. Director, Sylvester Survivorship and Supportive Care Institute and Population Sciences. Sylvester Comprehensive Cancer Center

## **Andrew E. Rosenberg, MD**

Clinical Professor, Vice Chair of Faculty Affairs, Co-Chief of Anatomic Pathology Division, Co-Medical Director of AP Operations at UHealth, Director of Quality & Regulatory, Director of Bone and Soft Tissue Pathology, Director of Bone and Soft Tissue Pathology Service, Division of Anatomic Pathology, Program Director of Bone & Soft Tissue Pathology Fellowship Director of Intraoperative Consultation Service, Division of Anatomic Pathology. Sylvester Comprehensive Cancer Center

## **Roberto Ruiz-Cordero, MD**

Associate Professor of Pathology Chief & Director of Operations, Molecular & Genomic Pathology Division, Director of Cytopathology Section, Division of Anatomic Pathology, Medical Director of Cytology at Jackson Health System & UHealth, Program Director of Molecular & Genomic Pathology Fellowship, Faculty in the Division of Hematopathology

## **Abdulrahman Sinno, MD**

Associate Professor of Clinical. Director of Surgical Research and Education, Division of Gynecologic Oncology. Department of Obstetrics, Gynecology & Reproductive Sciences. Sylvester Comprehensive Cancer Center

## **Jay Spiegel, MD, FRCPC**

Assistant Professor, Transplant & Cellular Therapy Hematology. Sylvester Comprehensive Cancer Center



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## AGENDA

SATURDAY, APRIL 11

|                  |  |
|------------------|--|
| 7:30 - 8:00 AM   | <b>Registration and Continental Breakfast</b>  |
| 8:00 - 8:20 AM   | <b>Welcome and Opening Remarks</b><br>Carmen Calfa, MD, Stephen Nimer, MD, Craig Moskowitz, MD, Jon Trent, MD  |
| 8:00 - 2:00 PM   | <b>CONCURRENT SESSION 1: Patients/Patient Advocacy Groups Track (non-CME)</b><br>Moderator: Estelamari Rodriguez, MD, MPH  |
|                  | <b>CONCURRENT SESSION 2: Clinical/Scientific Track</b><br>MODERATOR: Craig Moskowitz, MD / Jon Trent, MD, PhD  |
| 8:20 - 8:45 AM   | <b>Diving Deep into Next-Generation Gene Sequencing (NGS)</b><br>Roberto Ruiz-Cordero, MD  |
| 8:45 - 9:05 AM   | <b>Blueprints of Hope: Designing Precision Therapies for Children, Adolescents and Young Adults with Cancer</b><br>Aditi Dhir, MD  |
| 9:05 - 9:30 AM   | <b>The Current and Future Role of Precision Oncology in Melanoma</b><br>Jose Lutzky, MD  |
| 9:30 - 9:55 AM   | <b>Decoding Neuroendocrine Tumors: Precision Tools for Personalized Prognosis and Therapy</b><br>Jason Starr, DO   |
| 9:55 - 10:25 AM  | <b>Coffee Break and Visit Exhibits</b>   |
| 10:25 - 11:25 AM | <b>Panel Discussion: Molecular Tumor Board (Multidisciplinary Participation, Case Presentation)</b><br>Moderator: Chinmay Jani, MD<br>Panelists: Emanuela Palmerini, MD, Macarena De La Fuente, MD, Priscilla Barreto, MD, Patricia Castillo, MD, Richa Dawar, MD, Sakir ("Hume") Gultekin, MD, Andrew E. Rosenberg, MD, Merce Jorda, MD, PhD, MBA |
| 11:35 - 12:15 AM | <b>KEYNOTE ADDRESS: Approaches for Cancer Prevention and Interception: Role of vaccines and Germline genetic testing to inform cancer therapy.</b><br>Susan Domchek, MD  |
| 12:15 - 1:15 PM  | <b>Buffet Luncheon</b>   |
| 1:15 - 1:55 PM   | <b>Motivational Keynote</b><br>Christine Handy   |
| 1:55 - 2:20 PM   | <b>The Tumor Cell States and Resistance to Therapy as Guides for Cancer Classification</b><br>Antonio Iavarone, MD   |
| 2:20 - 2:45 PM   | <b>Precision Medicine Advances in Primary Brain Tumors</b><br>Macarena de la Fuente, MD  |
| 2:45 - 3:10 PM   | <b>Mission Impossible? Strategies for Precision Immunotherapy in Pancreatic Cancer</b><br>Datta Jashodeep, MD  |
| 3:10 - 3:40 PM   | <b>Coffee Break and Visit Exhibits</b>   |
| 3:40 - 4:15 PM   | <b>DISTINGUISHED VISIONARY LECTURE: Role of ctDNA in early and advanced breast cancer</b><br>Dr. Giuseppe Curigliano, MD   |
| 4:15 - 4:40 PM   | <b>Patient-Centered Integrative Oncology: Evidence, Myths, and Clinical Applications</b><br>Ting Bao, MD, MD, FSIO   |
| 4:40 - 5:05 PM   | <b>Precision Medicine in Early Drug Development and Novel Therapeutics</b><br>Chinmay Jani, MD   |
| 5:05 - 5:10 PM   | <b>Closing Remarks - Adjourn</b>   |

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**PRECISION MEDICINE**  
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**AGENDA**  
**SUNDAY, APRIL 12**

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|                  |  |
|------------------|--|
| 7:30 - 8:00 AM   | <b>Registration and Continental Breakfast</b>  |
| 8:00 - 8:10 AM   | <b>Welcome and Opening Remarks</b>   |
| 8:10 - 8:35 AM   | <b>Current Biomarkers in Gynecologic Cancers</b><br>Abdulrahman Sinno, MD  |
| 8:35 - 9:00 AM   | <b>Precision Oncology in the Diagnosis and Management of Sarcoma Patients</b><br>Steven Bialick, DO  |
| 9:00 - 9:25 AM   | <b>Genitourinary Cancers: Bladder and Kidney</b><br>Jaime Merchan, MD  |
| 9:25 - 9:55 AM   | <b>The Past, Present and Future of Precision Oncology in Lung Cancer</b><br>Fred R. Hirsch, MD, PhD  |
| 10:00 - 10:30 AM | <b>Coffee Break and Visit Exhibits</b>   |
| 10:30 - 10:55 AM | <b>Taking Cancer Survivorship to the Next Level</b><br>Frank Penedo, PhD   |
| 10:55 - 11:20 AM | <b>Overview of the Landscape of Adoptive Immunotherapy in Solid Tumors / Role of CAR-T Cell in Solid Tumors</b><br>Jay Spiegel, MD                                   |
| 11:20 - 11:45 PM | <b>Early cancer detection using machine learning and The use of artificial intelligence for cancer therapeutic decision-making</b><br>Vamsi Velcheti, MD, MBA, FASCO |
| 11:45 - 12:10 PM | <b>Precision Nutrition and Exercise Interventions: Optimizing Cancer Management Through Personalized Strategies</b><br>Melissa Lopez, MD                             |
| 12:10 - 12:35 PM | <b>Prostate Cancer: from prevention, early detection to precision therapy approaches</b><br>Marijo Bilusic, MD   |
| 12:35 - 1:00 PM  | <b>Discussion and Q&amp;A</b>  |
| 1:00 - 1:25 PM   | <b>Can Tumoral Biomarkers Help Predict Pathologic Fracture Risk in Skeletal Metastases from Breast and Prostate Cancer?</b><br>Brooke Crawford, MD, MBA              |
| 1:25 PM          | <b>Closing Remarks</b><br>Jonathan Trent, MD, PhD, Carmen Calfa, MD, Estelamari Rodriguez, MD, MPH   |
|                  | <b>Conference Adjourns</b>   |

**\*\* Agenda subject to change**

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**U SYLVESTER**  
COMPREHENSIVE CANCER CENTER  
UNIVERSITY OF MIAMI HEALTH SYSTEM



## HOTEL

### Ritz-Carlton

1 N Fort Lauderdale Beach  
Fort Lauderdale, FL 33304

### SPECIAL CONFERENCE RATE

A block of rooms has been reserved for conference participants at a discounted rate:

US \$499/night + \$40 resort fee

All attendees from the Miami Precision Medicine group will receive discounted resort fee at \$40.

### PARKING RATES

\$29 day parking and \$59 overnight parking.  
Complimentary EV Charging

The hotel extends the group rate 3 days pre- and post-conference dates based on availability. After this date, reservation requests will be considered on a space available basis.

### RESERVATIONS

Room reservations will be made by individual attendees by scanning the QR code to make your online reservation or call 954-6465-2300 before April 1, 2025.



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## REGISTRATION

|   | Early Bird Fee<br>(by 2/1/26) | Standard Rate<br>(after 2/1/26) | Onsite Fee |
|---|-------------------------------|---------------------------------|------------|
| <input type="checkbox"/> Physicians   | \$200                         | \$250                           | \$300      |
| <input type="checkbox"/> UM/JMH Physicians  | \$125                         | \$150                           | \$175      |
| <input type="checkbox"/> Fellows (with proof of ID)   | \$75                          | \$100                           | \$125      |
| <input type="checkbox"/> Residents (with proof of ID)   | \$75                          | \$100                           | \$125      |
| <input type="checkbox"/> Nurses/Nurse Practitioners /Physician Assistant  | \$50                          | \$75                            | \$100      |
| <input type="checkbox"/> Allied Health Care Professional  | \$50                          | \$75                            | \$100      |
| <input type="checkbox"/> Medical Students (with proof of ID)  | \$25                          | \$50                            | \$75       |
| <input type="checkbox"/> Industry Representatives   | \$1,300                       | \$1,500                         | \$1,700    |
| <input type="checkbox"/> Patients and Patient Advocates<br><i>(Patients are complimentary with discount code)</i> | \$25                          | \$50                            | \$75       |

*Continental Breakfast, coffee breaks, lunch and syllabus included in Registration Fee*

## REGISTRATION CANCELLATION POLICY

Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to the conference organizers, Towers Marketing Group, at [info@towersmarketinggroup.com](mailto:info@towersmarketinggroup.com)

University of Miami Healthcare System reserves the right to cancel or postpone this program if necessary; in the event of cancellation, course fees will be fully refunded. We are not responsible for other costs incurred such as non-refundable airline tickets or hotel penalties.

## SERVICES FOR THE DISABLED

Please contact the Division of CME prior to April 4, 2025 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

Conference organizers: Towers Marketing Group  
[info@towersmarketinggroup.com](mailto:info@towersmarketinggroup.com)  
 305.520.9060