

FRONTIERS IN CANCER SCIENTIFIC SYMPOSIUM

Friday, November 8, 2024
7:30am – 3pm ET

Social networking
3 – 4:30pm

Zucker School of Medicine
500 Hofstra Boulevard
Hempstead, NY 11549

Virtual option also available

This activity was planned by and for the health care team, and learners will receive 5.5 Interprofessional Continuing Education (IPCE) credits for learning and change



PROGRAM AGENDA

7:30am Registration and Continental Breakfast

8am Welcome and Introduction
Jeff Boyd, PhD

Session I THERANOSTICS

8:10am Keynote speaker
Radiotheranostics: Seeing What We Treat and Treating What We See
Julie Sutcliffe, PhD

9am Theranostics — Current Status and Emerging Developments
Steve Cho, MD

9:35am Activating Anti-Cancer Immunity with Beta-Radioligand Therapy
David Piwnica-Worms, MD, PhD

10:10am Coffee Break and Exhibits

Session II CANCER NEUROSCIENCE

10:30am Keynote speaker
Oral Cancer: A Lot of Nerve
Nisha D'Silva, BDS, MSD, PhD

11:20am Nerves as the Basis of Cancer Biology
Gustavo Ayala, MD

11:55am Nerve-Wracking Resistance: How Tumor-Associated Nerves Outsmart Immunotherapy
Moran Amit, MD, PhD

12:30pm Networking Lunch and Exhibits

Session III IMMUNOTHERAPY

1:30pm Keynote speaker
RNA Vaccines for Pancreatic Cancer
Vinod Balachandran, MD

2:20pm Immune Checkpoint Gene Signatures of Breast Cancer Subtypes With and Without HER2-Regulated Stromal Cell Genes
Fernando Vidal-Vanaclocha, MD, PhD

2:55pm Closing remarks

3pm Adjourn

Cocktail reception & networking to follow

PROGRAM FACULTY

Course Directors



Richard Barakat, MD, MBA
Physician-in-Chief and Executive Director
Northwell Health Cancer Institute



Jeff Boyd, PhD
Chief Scientific Officer
Northwell Health Cancer Institute

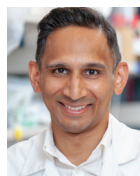
Keynote Speakers



Julie Sutcliffe, PhD
Director, Cyclotron and
Radiochemistry Facility
Center for Molecular and Genomic Imaging
Co-Director Center for Molecular and
Genomic Imaging
University of California Davis



Nisha D'Silva, BDS, MSD, PhD
Donald Kerr Endowed Collegiate Professor
University of Michigan School of Dentistry
Professor of Pathology, University of
Michigan Medical School
Rogel Scholar, University of Michigan
Rogel Cancer Center



Vinod Balachandran, MD
Associate Attending, Department of
Surgery, Hepatopancreatobiliary Service
Associate Member, Human Oncology
and Pathogenesis Program
Member, David M. Rubenstein Center
for Pancreatic Cancer Research
Memorial Sloan Kettering Cancer Center

Program Faculty



Moran Amit, MD, PhD
Assistant Professor
Department of Head and Neck Surgery
Division of Surgery
The University of
Texas M.D. Anderson Cancer Center



Gustavo Ayala, MD
Professor of Pathology
Vice Chair, Outreach
Distinguished Chair in Pathology and
Laboratory Medicine
University of Texas Health
Sciences Center at Houston



Steve Cho, MD
Professor of Radiology and Section Chief
of the Nuclear Medicine and
Molecular Imaging Section
University of Wisconsin-Madison



David Piwnica-Worms, MD, PhD
Professor and Chair, Department of
Cancer Systems Imaging
Professor, Department of Cancer Biology
Gerald Dewey Dodd, Jr., Endowed
Distinguished Chair in Diagnostic Imaging
The University of Texas M.D. Anderson
Cancer Center



Fernando Vidal-Vanaclocha, MD, PhD
Research Director, Office of International
Medicine Programs
International Professor at the Department
Biochemistry and Molecular Medicine
School of Medicine and Health Sciences,
George Washington University
President, Precision Medicine Committee
at the Madrid College of Physicians
Madrid, Spain
Chair, Molecular and Precision Medicine
Professorship, UCAM, Murcia, Spain

Conference coordinated by Northwell Health Cancer institute

Brooke Tortorella, MPH
Senior Director, Operations
Northwell Health Cancer Institute

Andrea Teran, MHA
Associate Project Manager
Northwell Health Cancer Institute

PROGRAM INFORMATION

Statement of need: The inaugural Frontiers in Cancer symposium brought to you by the Northwell Health Cancer Institute will bring together the scientific and clinical community to explore new and groundbreaking fields in cancer research and precision-based treatments. The symposium will feature three up and coming themes in the cancer research community: theranostics, cancer neuroscience, and immunotherapy. You will hear diverse perspectives from nationally recognized clinicians and researchers from across the U.S. who are spearheading research and discoveries in these areas.

Program objectives: All Northwell Health CME activities are intended to improve patient care, safety and outcomes, and explore research topics to advance discoveries. At the conclusion of this conference, participants should be able to:

- **Review therapies** to identify cancer cells in the body, deliver targeted radiation to destroy those cells and offer precision-based treatments (theranostics).
- **Discuss nervous system-cancer interactions** that regulate tumor growth, metastatic spread, treatment resistance, stimulation of tumor-promoting inflammation, and impairment of anti-cancer immunity (cancer neuroscience).
- **Evaluate and analyze** the role of the immune system in controlling cancers and how innovative treatments block molecules involved in metastasis (immunotherapy).

Target audience: This activity was planned by and for MDs, PhDs, RNs and NPs. All other members of the health care team including scientists, residents, fellows, medical students and members of the research community are welcome to attend.

Joint accreditation statement:

In support of improving patient care, Northwell Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.



Credit designation statement:

Physicians: Northwell Health designates this live activity for a maximum of 5.5 *AMA PRA Category 1 Credits*™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Nurses: Northwell Health designates this activity for 5.5 ANCC contact hours.

Psychologists: Northwell Health designates this activity for 5.5 APA CE credits for psychologists. APA Psychology credit is not accepted by the New York State Education Department as meeting their CME requirement.

Verification of attendance: This will be provided to all professionals.

Location:

Donald and Barbara Zucker School of Medicine
500 Hofstra Boulevard, Hempstead, NY 11549
Virtual option also available

Course offering and registration fees:

	FEE
Northwell Health employees	\$0
Cold Spring Harbor Laboratory colleagues	\$0
All others	\$25

Registration fee includes: Breakfast, lunch, course materials and CME/Verification of attendance certificate.

Cancellation policy: To receive a refund, all cancellations must be confirmed via email to Brooke Tortorella at btortorella@northwell.edu by November 1, 2024. An administrative fee of \$10 will be kept for all cancellations. No refunds will be made after this date or for “no-shows.”

Disclosure policy: Northwell Health adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME-CE activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible companies. All relevant financial relationships have been mitigated prior to the commencement of the activity.

Americans with Disabilities Act (ADA): This conference is in compliance with provisions of the ADA and is accessible for individuals with special needs. If you would like to attend this conference and require any special accommodations, please contact Brooke Tortorella at btortorella@northwell.edu or (631) 255-4713.