

Cancer Neuroscience Symposium

February 28 - March 1, 2024

Satellite Meeting on Clinical Cancer Neuroscience

February 28, 2024 - Virtual

Target Audience

Specialties

Neuro-Oncology, Neuroscience, Cancer Biology, Immunology, Biology of Aging, Neurodegeneration Biology, Cancer Surgery, Neurology, Integrative Medicine, Neuropsychology, Cancer Symptoms Research

Interested Parties

Researchers, Students, Patients, Patient Advocates

Overview

MD Anderson Cancer Center presents a two-day hybrid symposium featuring contributions from over 30 leading international experts focused on Cancer Neuroscience. Be part of a groundbreaking scientific event that will integrate neuroscience, cancer biology and aging science to spur a wave of innovation in cancer research and care. Building on our previous meeting with over 1200 participants as well as collaborative research and discussion among our speakers, the goal of this meeting is to explore how the interface between cancer biology and neuroscience impacts tumor development, progression and health outcomes.

This 2nd Cancer Neuroscience Symposium will leverage advances in neuroscience, as well as advances in immuno-oncology and aging. This meeting will cover emerging areas, such as neuro-immune interactions, plasticity within the tumor microenvironment, and translational research. This meeting will bring together leading experts from across the fields of neuroscience, cancer biology, immunology, and the biology of aging, as well as oncologists, surgeons, neurologists, patients and patient advocates to facilitate discussions of exciting new concepts and developments in this rapidly growing field.

THE UNIVERSITY OF TEXAS

**MD Anderson
Cancer Center**

Making Cancer History®

Objectives

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

Summarize interactions between cancer and the nervous system;

Discuss neuro-cancer crosstalk (mediators, mechanisms, and outcomes) in the central and peripheral nervous systems;

Understand neurotoxicities and nervous system health during cancer therapy; and

Describe novel concepts in targeting neuro-immune crosstalk in the central and peripheral nervous systems and their translational impact.

Registration

The Cancer Neuroscience Symposium 2024 Registration is Now Open! Register soon as there are only 240 in person seats available each day! The Symposium will begin at 7:30 AM on Thursday, February 29, 2024 and will adjourn at 4:00 PM on Friday, March 1, 2024. Advanced registration is encouraged please see registration information for applicable fees. Registration details can be found [here](#).

Registration Fees

Cancer Neuroscience Symposium is a two-day hybrid format Symposium presented by The University of Texas MD Anderson Cancer Center. Registration for on-site participation is limited to 240 seats.

The fee structure for In-Person and Virtual attendance is listed below. Please select the fee that is appropriate for you to witness this new scientific field taking shape.

In-Person Attendance Fee - \$90.00

Virtual Attendance Only - Pay As You Wish

\$0	\$48.00	\$96.00	\$148.00	\$199.00
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WILEY

**ADVANCED
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Cancer Neuroscience Symposium

February 28 - March 1, 2024

Registration details can be found: MDAnderson.cloud-cme.com/CancerNeuro2024

February 28, 2024 | CNS 2024: Satellite Meeting on Clinical Cancer Neuroscience

The 2024 Satellite Meeting of the Cancer Neuroscience Symposium will be held virtually on February 28, 2024. Talks will present translational and clinical innovations in Cancer Neuroscience. Speakers will discuss advances in neurotoxicities during cancer therapies, mental health and pain effects from cancer and cancer therapies, a clinical trial panel, and a meet the editor session. The Satellite Meeting aims to cross-fertilize the breadth of Cancer Neuroscience presented at the primary Cancer Neuroscience Symposium.

Day 1

Sessions will delve into novel findings in fundamental research of the nervous system and cancer biology. We will highlight our special focus on the interaction of cancer and aging biology, including neurodegeneration. Attendees should gain insights into fundamental research that addresses contributing and causative factors that can hijack or hamper these basic biological processes.

Speakers: Michelle Monje-Deisseroth, Elizabeth A. Repasky, Frank Winkler, Gustavo Ayala, Brian Davis, Moran Amit, Monty Montano, and Preoffered abstracts

Focus Area Speakers: Shane Liddelow, Jorg Dietrich, Benjamin Deneen, Derek Wainwright

Day 2

Breakout Symposium: Central Nervous System

This session will examine current findings into the interplay between the central nervous system and cancer biology. The CNS Breakout Symposium features 5 breakout sessions: 1) *Neuronal Regulation of Primary CNS Cancer*; 2) *Neuronal Regulation of CNS Metastasis*; 3) *Influence of CNS Cancer on Neuronal Activity*; 4) *Cancer Therapy Induced CNS Impairments*; and 5) *Modeling Brain Tumor and TME Interactions*. Attendees should gain insights into fundamental research that addresses contributing and causative factors that can hijack or hamper these basic biological findings.

Speakers: Varun Venkataramani, David Gutmann, Kathryn Taylor, Adrienne Boire, Humsa Venkatesh, Manuel Valiente, Shawn Hervey-Jumper, Harald Sontheimer, Erin Gibson, Munjal Acharya, Donald Mabbott, Joshua Breunig, Hui Zong, Suzanne Baker, Vinay Puduvalli, and Yuan Pan

Breakout Symposium: Peripheral Nervous System

This session will examine current foundational research findings into the interactions between peripheral nerves and tumors.

Speakers will discuss:

1) *The Interactions and Impact of Nerves on Cancer, Stromal and Immune Cells*, and 2) *The Role of Tumor Cells in Facilitating the Recruitment and Function of Peripheral Neural, Glial and Immune cells* that in turn modulate cancer progression and outcomes. Attendees should gain insights into the cellular interactions in the neural tumor microenvironment that drive cancer growth and progression in peripheral tumors.

Speakers: Paola Vermeer, Rohini Kuner, William Hwang, Yuri Bunimovich, Sébastien Talbot, Jami Saloman, Fanny Mann, Nicole Scheff, Richard Wong, Timothy Wang, Faranak Fattahi, Ruth White, Moran Amit, Ekin Demir and Nisha D'Silva.