YaleNewHavenHealth
Smilow Cancer Hospital

Yale CANCER CENTER
A Comprehensive Cancer Center Designated by the National Cancer Institute

# Distinguished Lecture Series

## Tuesday, February 11, 12:00pm

Brady Auditorium | Zoom Access
Join us in person for lunch

## *METASTASIS AS A HEREDITARY DISEASE REGULATED BY THE NERVOUS SYSTEM*

## Sohail Tavazoie, MD, PhD

Leon Hess Professor, Elizabeth and Vincent Meyer Laboratory of Systems Cancer Biology; Director, Black Family Metastasis Center

Sohail Tavazoie, MD, PhD, is the Leon Hess Professor and Head of the Meyer Laboratory of Systems Cancer Biology at The Rockefeller University. He is the director of the Black Center for Metastasis Research at Rockefeller University and an attending medical oncologist at Memorial Sloan Kettering Cancer.

Dr. Tavazoie's lab studies the molecular mechanisms underlying metastasis formation. Scientists in the lab have identified critical genes that exert large effects on metastatic progression and applied these insights toward the development of two first-in-class metastasis-targeting therapeutics currently in human clinical trials.

He received his undergraduate degree from the University of California at Berkeley and his MD and PhD degrees from Harvard Medical School. Following internship and residency training at Brigham and Women's Hospital and postdoctoral training at Harvard, he conducted oncology fellowship training at Memorial Sloan Kettering Cancer Center.

Dr. Tavazoie has been the recipient of the National Institutes of Health Innovator Award, the Pershing Square Sohn Cancer Prize, the National Cancer Institute's Outstanding Investigator Award, and the DOD Era of Hope Award. He is an elected member of the National Academy of Medicine and the immediate past president of the American Society of Clinical Investigation.

**Needs:**

1. Appreciation of the genetic basis of cancer metastasis
2. Emerging trends in germline genomics of cancer
3. Understanding emergent technologies in molecular cancer biology

**Objectives:**

1. Understand how genes involved in metastasis are identified
2. Understand the role of the ApoE gene in regulating cancer metastasis
3. Understand the role of the ApoE gene in infectious disease and how it relates it its role in cancer metastasis

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