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Cancer Center

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HUMAN ONCOLOGY & PATHOGENESIS PROGRAM

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FOR THE MEDIA



Sarat Chandarlapaty, MD, PhD
Naddisy Foundation Chair in Breast Cancer Research

The goal of our research program is to understand the detailed mechanisms by which a cancer cell can develop resistance to therapies targeting its oncogenic driver; and to exploit those findings to elucidate the biology of cancer and identify more effective treatments for cancer patients. The focus of this work has been on signaling networks emanating from the hormone receptor, ERa, and the receptor tyrosine kinase, HER2. These two signals play a dominant role in cancers of the breast, with roughly 85% of all tumors driven by one or both of these receptors. Whereas drugs targeting these signals have major benefits in patients, resistance to therapy is frequently encountered. Our

studies have centered on (1) understanding how cancers evolve to resist therapies against ER, CDK4/6, HER2, and PI3K and (2) development of mechanism-based drugs or treatment strategies that can prevent or overcome these modes of resistance.

[View Lab Overview \(https://www.mskcc.org/research-areas/labs/sarat-chandarlapaty/overview\)](https://www.mskcc.org/research-areas/labs/sarat-chandarlapaty/overview)



People

Sarat Chandarlapaty, MD, PhD

Naddisy Foundation Chair in Breast Cancer Research

- Physician-scientist Sarat Chandarlapaty studies the regulation of growth factor signaling networks in cancer.
- PhD, University of North Carolina

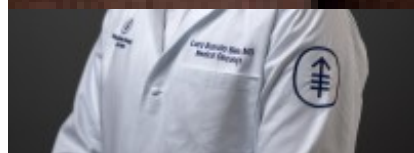
[✉ chandars@mskcc.org](mailto:chandars@mskcc.org)

Email Address

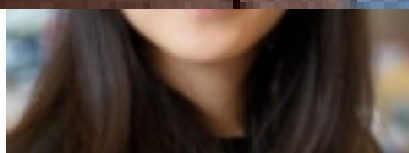
[🔗 View physician profile](#)

Physician profile

Members



Luca Boscolo Bielo
Medical Oncology Fellow



Yanyan Cai
Senior Research Scientist

Lab
Alumni

Lab Affiliations

Achievements

- Professor of Medicine, Weill Cornell Medical College and Weill Cornell Cell and Developmental Biology

Program

- Member Memorial Sloan Kettering Cancer Center, Department of Medicine and Human Oncology and Pathogenesis Program



Joshua Drago
Assistant Attending



Avantika Gupta
Research Scholar

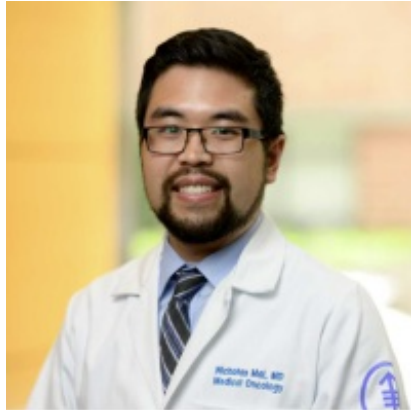
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To learn more about compensation and benefits for postdoctoral researchers at MSK, please visit [Resources for Postdocs](#)



Minna Lee
Assistant Attending



Nicholas Mai



Samuel Molina
GSK Graduate Student

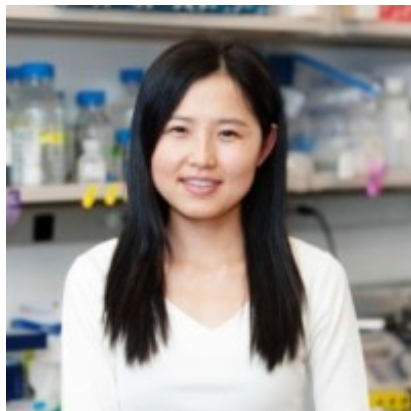
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Sharanya Nag
Research Scholar

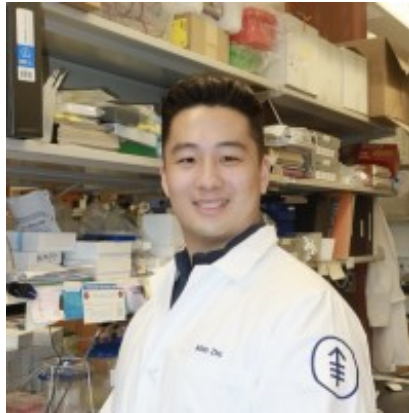


Payal Patel
Graduate Student



Isabella Vegas
GSK Graduate Student

Hong Shao
Research Lab Manager
Maechen Wang
Research Technician



Allen Zhu
Research Technician

[now \(https://www.mskcc.org/research-areas/labs/sarat-chandarlapaty/career-opportunities\)](https://www.mskcc.org/research-areas/labs/sarat-chandarlapaty/career-opportunities)

Get in Touch

 chandars@mskcc.org

Lab Head Email

 [_ Lab Twitter](#)

Disclosures

Members of the MSK Community often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community. These activities outside of MSK further our mission, provide productive collaborations, and promote the practical application of scientific discoveries.

MSK requires doctors, faculty members, and leaders to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our community, we make that information available to the public. Not all disclosed interests and relationships present conflicts of interest. MSK reviews all disclosed interests and relationships to assess whether a conflict of interest exists and whether formal COI management is needed.

Sarat Chandarlapaty discloses the following relationships and financial interests:

- AstraZeneca
Professional Services and Activities
- Casdin Capital, LLC
Professional Services and Activities
- Daiichi Sankyo
Professional Services and Activities
- Eli Lilly and Company
Professional Services and Activities
- Encore Medical Education
Professional Services and Activities

- Nuvalent, Inc.
Professional Services and Activities
- Pathos AI, Inc.
Equity; Professional Services and Activities
- Springer Nature Limited
Professional Services and Activities
- Totus Medicines Inc.
Equity

The information published here is a complement to other publicly reported data and is for a specific annual disclosure period. There may be differences between information on this and other public sites as a result of different reporting periods and/or the various ways relationships and financial interests are categorized by organizations that publish such data.

This page and data include information for a specific MSK annual disclosure period (January 1, 2024 through disclosure submission in spring 2025). This data reflects interests that may or may not still exist. This data is updated annually.

Learn more about MSK's COI policies [here](#) . For questions regarding MSK's COI-related policies and procedures, email MSK's Compliance Office at ecoi@mskcc.org .

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