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Memorial Sloan Kettering Cancer Center

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ABOUT US

Our mission, vision & core values

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Annual report

Give to MSK

Genomics and Computational Biology

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Dr. Berger's Office Information

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Languages: English

About Me

What I Do at MSK

- Chief, Clinical Computational Diagnostics Service, Department of Pathology and Laboratory Medicine
- Co-Director, Marie-Josée & Henry R. Kravis Center for Molecular Oncology
- Elizabeth and Felix Rohatyn Chair for Junior Faculty

Get To Know Me

I am Co-Director of the <u>Marie-Josée and Henry R. Kravis Center for Molecular Oncology</u> and Chief of the Clinical Computational Diagnostics Service in the Department of Pathology and Laboratory Medicine. I have expertise in cancer genetics, computational biology, and high-throughput DNA sequencing technology. My research is focused on developing and applying methods to characterize the genetic makeup of individual cancers. Knowledge of patient-specific genetic mutations can be used to predict

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outcomes and inform treatment options, ultimately enabling more personalized cancer medicine.

Read more + My Role at MSK

A molecular geneticist has special training in studying genes to research and diagnose diseases and disorders.

Areas of Expertise

My Specialties

Genomics and Computational Biology

Education & Honors

Education

PhD, Harvard University

Fellowships

The Broad Institute of MIT and Harvard

Insurance Information

Understanding your insurance options is an important part of managing your cancer care. We have relationships with many common healthcare providers and plans.

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Enter your insurance provider

Don't see your carrier or plan? We can help you understand your coverage.

If you don't have health insurance or are worried that your care may not be fully covered, our <u>financial assistance</u> programs may be able to help.

If you have questions about insurance, call us at <u>646-497-9176</u>.

Contact and Location

Dr. Berger sees patients at one location.

Office Phone

646-888-3386 Location

Location

New York, NY

Memorial Sloan Kettering Cancer Center

1275 York Avenue New York, NY 10065 <u>Get Directions</u>

Looking to see a doctor at a different location? See all MSK locations.

Colleagues

Doctors at Memorial Sloan Kettering work as teams, with specialists from all different areas. This allows us to consider all your needs together, and to give you the best possible care.

<u>See all Molecular Diagnostics doctors</u> →

See all Diagnostic Molecular Pathology Service doctors →

Clinical Trials



Michael F. Berger



Find a Clinical Trial for You

Memorial Sloan Kettering's doctors and scientists are constantly developing new treatments for cancer. MSK is typically running hundreds of clinical trials at a given time.

You may be able to participate in a clinical trial even if you are new to MSK. Search our online directory to find trial information and see more about who can participate.

<u>Search clinical trials</u> \rightarrow

Research and Publications

View Dr. Berger's Lab

Genetic Ancestry Correlates with Somatic Differences in a Real-World Clinical Cancer Sequencing Cohort . Arora K, Tran TN, Kemel Y, Mehine M, Liu YL, Nandakumar S, Smith SA, Brannon AR, Ostrovnaya I, Stopsack KH, Razavi P, Safonov A, Rizvi HA, Hellmann MD, Vijai J, Reynolds TC, Fagin JA, Carrot-Zhang J, Offit K, Solit DB, Ladanyi M, Schultz N, Zehir A, Brown CL, Stadler ZK, Chakravarty D, Bandlamudi C, Berger MF. *Cancer Discov*. 2022 Nov 2;12(11):2552-2565. doi: 10.1158/2159-8290.CD-22-0312. PMID: 36048199; PMCID: PMC9633436.

The context-specific role of germline pathogenicity in tumorigenesis. Srinivasan P, Bandlamudi C, Jonsson P, Kemel Y, Chavan SS, Richards AL, Penson AV, Bielski CM, Fong C, Syed A, Jayakumaran G, Prasad M, Hwee J, Sumer SO, de Bruijn I, Li X, Gao J, Schultz N, Cambria R, Galle J, Mukherjee S, Vijai J, Cadoo KA, Carlo MI, Walsh MF, Mandelker D, Ceyhan-Birsoy O, Shia J, Zehir A, Ladanyi M, Hyman DM, Zhang L, Offit K, Robson ME, Solit DB, Stadler ZK, Berger MF, Taylor BS. *Nat Genet.* 2021 Nov;53(11):1577-1585. doi: 10.1038/s41588-021-00949-1. Epub 2021 Nov 5. PMID: 34741162; PMCID: PMC8957388.

Tumour lineage shapes BRCA-mediated phenotypes. Jonsson P, Bandlamudi C, Cheng ML, Srinivasan P, Chavan SS, Friedman ND, Rosen EY, Richards AL, Bouvier N, Selcuklu SD, Bielski CM, Abida W, Mandelker D, Birsoy O, Zhang L, Zehir A, Donoghue MTA, Baselga J, Offit K, Scher HI, O'Reilly EM, Stadler ZK, Schultz N, Socci ND, Viale A, Ladanyi M, Robson ME, Hyman DM, Berger MF, Solit DB, Taylor BS. *Nature*. 2019 Jul;571(7766):576-579. doi: 10.1038/s41586-019-1382-1. Epub 2019 Jul 10. Erratum in: Nature. 2019 Dec 11;: PMID: 31292550; PMCID: PMC7048239. Read more

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Publications on PubMed

Visit PubMed for a full listing of Dr. Berger's journal articles. Pubmed is an online index of research papers and other articles from the US National Library of Medicine and the National Institutes of Health.

See all on PubMed

Disclosures

Doctors and faculty members 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.

MSK requires doctors and faculty members 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.

Michael F. Berger discloses the following relationships and financial interests:

AstraZeneca Professional Services and Activities JCO Precision Oncology Professional Services and Activities (Uncompensated) Journal of Molecular Diagnostics Professional Services and Activities (Uncompensated)

Paige.AI, Inc. Professional Services and Activities SOPHIA GENETICS S.A. Intellectual Property Rights

If you're a patient at MSK and would like more information about your doctor's external relationships, please talk with your doctor.

The information published here 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, 2022 through disclosure submission in spring 2023). This data reflects interests that may or may not still exist. This data is updated annually.

Learn more about MSK's COI policies <u>here</u>. For questions regarding MSK's COI-related policies and procedures, email MSK's Compliance Office at <u>ecoi@mskcc.org</u>.

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