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Memorial Sloan Kettering
Cancer Center

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FOR THE MEDIA



Michael F. Berger, PhD

Molecular Geneticist ([#about-me](#))



Areas of Expertise

My Specialties

- Cancer genomics
- Computational biology



[Dr. Berger's Office Information](#) ([#contact-and-location](#))



Languages: English

Get to Know Me

I am Co-Director of the [Marie-Josée and Henry R. Kravis Center for Molecular Oncology](#) 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 outcomes and inform treatment options, ultimately enabling more personalized cancer medicine.

Read more +

[What I Do at MSK](#)

I'm a molecular geneticist at MSK. A molecular geneticist has special training in studying genes to research and diagnose diseases and disorders.

- 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

Areas of Expertise

My Specialties

- Cancer genomics
- 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.

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 [financial assistance](#) programs may be able to help.

If you have questions about insurance, call us at [646-497-9176](#) .

Contact and Location

Office Phone

 [646-888-3386](tel:646-888-3386)

Location

 New York, NY

[Memorial Sloan Kettering Cancer Center](#)

 1275 York Avenue
New York, NY 10065

[Get Directions](#)

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.

[See all Molecular Diagnostics doctors](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Molecular Diagnostics]) ([https://www.mskcc.org/doctor#:f:Departments=\[Pathology and Laboratory Medicine,Molecular Diagnostics\]](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Molecular Diagnostics]))

[See all Diagnostic Molecular Pathology Service doctors](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Diagnostic Molecular Pathology Service]) ([https://www.mskcc.org/doctor#:f:Departments=\[Pathology and Laboratory Medicine,Diagnostic Molecular Pathology Service\]](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Diagnostic Molecular Pathology Service]))

[See all Leadership doctors](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Leadership]) ([https://www.mskcc.org/doctor#:f:Departments=\[Pathology and Laboratory Medicine,Leadership\]](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Leadership]))

[See all Clinical Computational Diagnostics Service doctors](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Clinical Computational Diagnostics Service]) ([https://www.mskcc.org/doctor#:f:Departments=\[Pathology and Laboratory Medicine,Clinical Computational Diagnostics Service\]](https://www.mskcc.org/doctor#:f:Departments=[Pathology and Laboratory Medicine,Clinical Computational Diagnostics Service]))

Clinical Trials





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.

[Search clinical trials \(https://www.mskcc.org/cancer-care/clinical-trials\)](https://www.mskcc.org/cancer-care/clinical-trials)

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.

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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 \(http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=search&db=pubmed&term=Berger%20M%5BAU%5D%20AND%20%28bulyk%20ml%20OR%20garraway%20la%20OR%20sloan-kettering%29%20AND%20%222001%22%5BEntrez%20Date%5D%20%3A%20%223000%22%5BEntrez%20Date%5D\)](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=search&db=pubmed&term=Berger%20M%5BAU%5D%20AND%20%28bulyk%20ml%20OR%20garraway%20la%20OR%20sloan-kettering%29%20AND%20%222001%22%5BEntrez%20Date%5D%20%3A%20%223000%22%5BEntrez%20Date%5D)

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.

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; Professional Services and Activities (Uncompensated)

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 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 .

[View all disclosures \(https://www.mskcc.org/disclosures\)](https://www.mskcc.org/disclosures)

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