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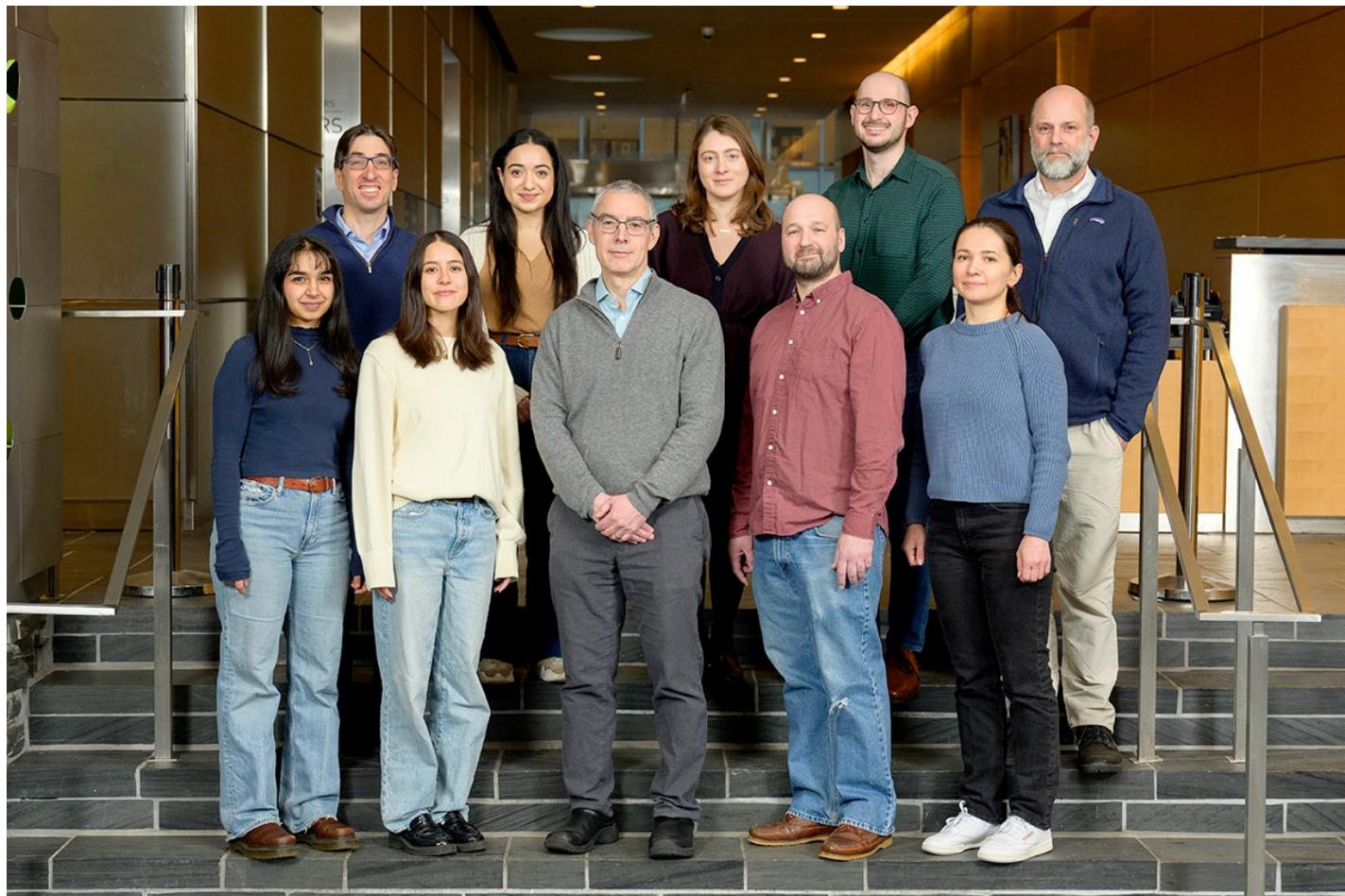
Michael S. Glickman, MD

We are broadly interested in the biology of mycobacteria, which include the major human pathogen *M. tuberculosis*, the nonpathogenic model organism *M. smegmatis*, and the cancer biotherapeutic agent BCG.

[View Lab Overview \(<https://www.mskcc.org/research/ski/labs/michael-glickman/overview>\)](https://www.mskcc.org/research/ski/labs/michael-glickman/overview)

Research Projects

- [Molecular Pathogenesis of *M. tuberculosis* infection](#)
- [DNA Repair and Mutagenesis in Mycobacteria](#)
- [Mechanisms of BCG induced anti-tumor immunity](#)



Featured News



[At Work: Infectious Diseases Specialist Michael Glickman](#)

Physician-scientist Michael Glickman cares for cancer patients who have infections. In his laboratory, he aims to understand how infections develop.



MSK Scientists Solve One of TB's Deadliest Tricks

Scientists at Memorial Sloan Kettering have pieced together the biochemical mechanism by which the tuberculosis bacterium sneaks past our immune defenses.



The ABCs of BCG: Oldest Approved Immunotherapy Gets New Explanation

BCG has been used to treat bladder cancer for more than 30 years. Scientists are still learning how it works.

Publications Highlights

[Distinctive roles of translesion polymerases DinB1 and DnaE2 in diversification of the mycobacterial genome through substitution and frameshift mutagenesis](#) , P Dupuy, S Ghosh, O Adefisayo, J Buglino, S Shuman, MS Glickman, *Nature Communications* 13 (1), 4493

[Roles for mycobacterial DinB2 in frameshift and substitution mutagenesis](#) , P Dupuy, S Ghosh, A Fay, O Adefisayo, R Gupta, S Shuman, ...*Elife* 12, e83094

[View All Publications](#)

People



Michael S. Glickman, MD

- Physician-scientist Michael Glickman investigates the physiology and pathogenic mechanisms of mycobacteria, including the use of mycobacteria as bacterial cancer therapies.
- MD, Columbia University College of Physicians and Surgeons

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Michael Glickman

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John Buglino

Senior Research Scientist

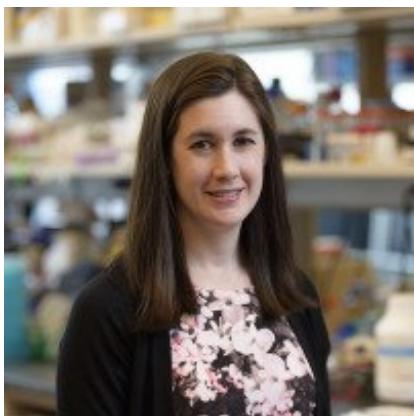
Lab

Alumni

Lab Affiliations

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Allison Fay
Senior Research Scientist



Gil Redelman-Sidi
Assistant Attending Physician



Emilee Barnard
Graduate Student



Jamie Bean
Assistant Lab Member, EIO Cell
Bank director



Anna Benjamin
Lab Manager



M. Maria Elgrail
Postdoctoral Research
Associate

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

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

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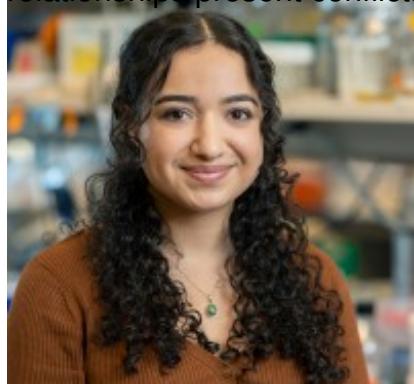
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𝕏 [Michael Glickman's Twitter](#)

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

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.



Shireen Khayat
Graduate Student



Adam Krebs
Graduate Student



Yaprak Ozakman
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Veronica Shields
Administrative Assistant

Michael S. Glickman discloses the following relationships and financial interests:

- Burroughs Wellcome Fund
Professional Services and Activities
- EpiStemyx, Inc.
Equity; Professional Services and Activities
(Uncompensated)
- IRB Barcelona
Professional Services and Activities
- Vedanta
Equity; Professional Services and Activities

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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.

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