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The Tobias Hohl Lab

ABOUT US

[Our mission, vision & core values](#)

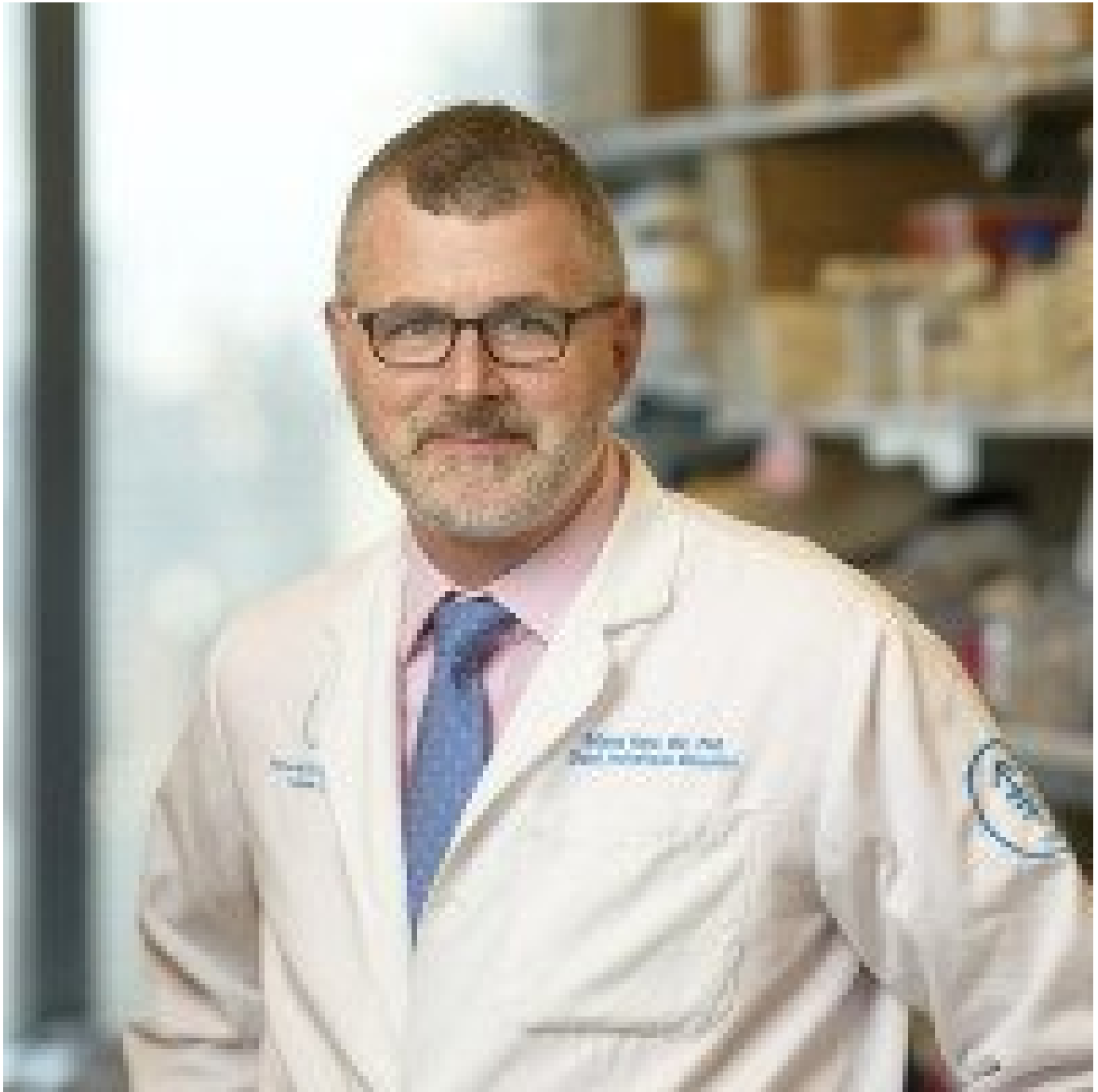
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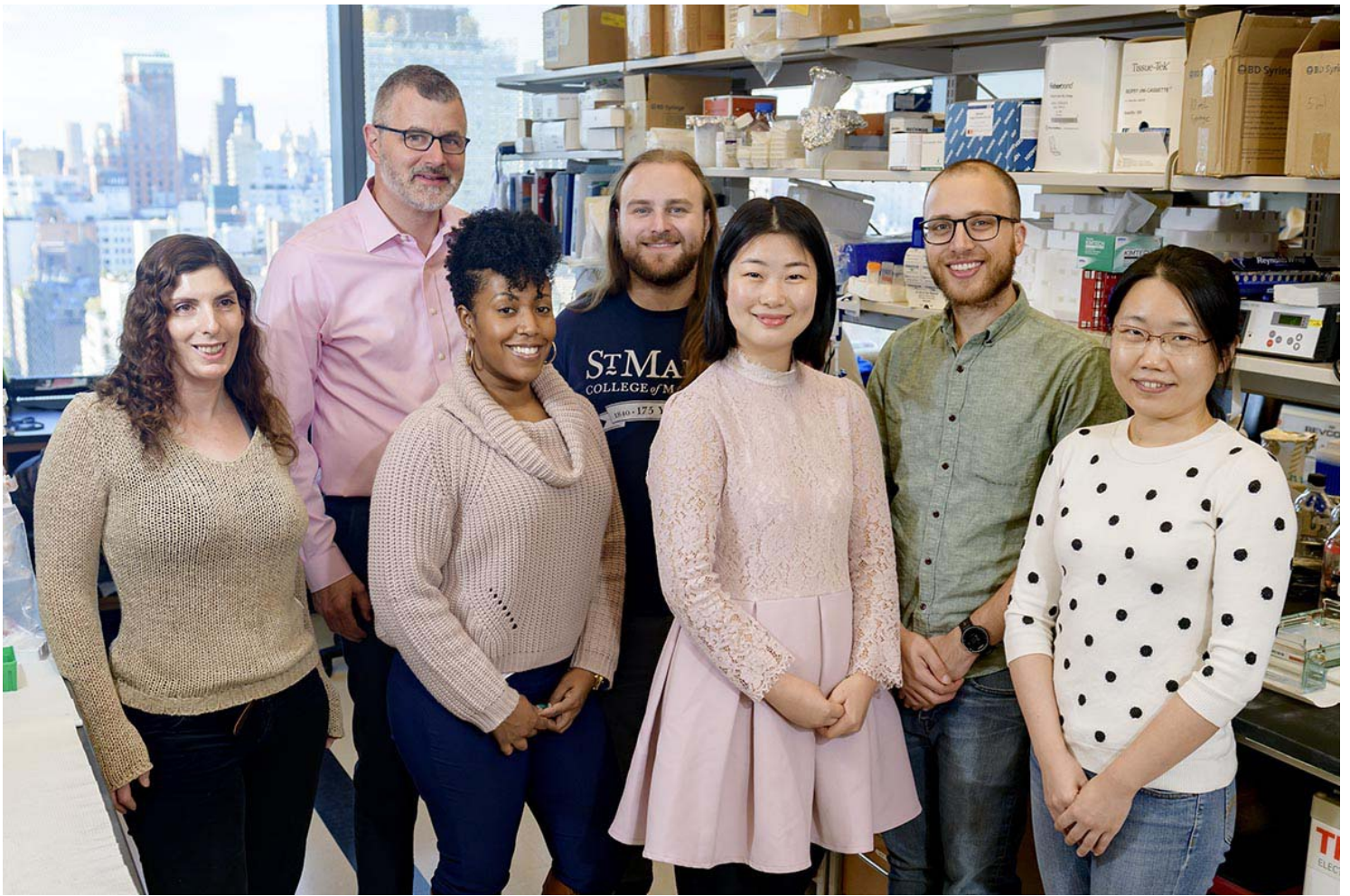
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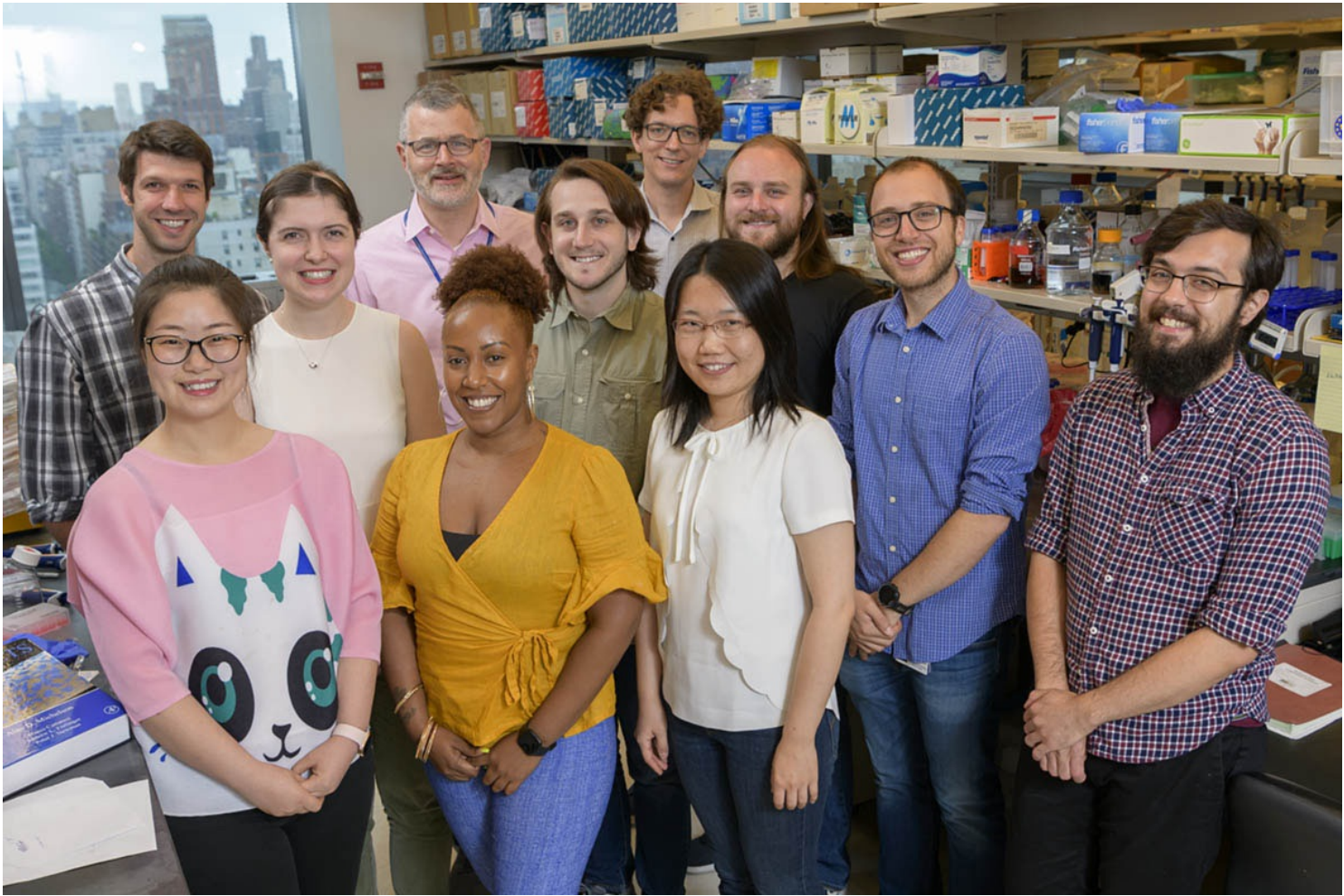


Tobias M. Hohl, MD, PhD
Chief, Infectious Diseases Service

We investigate the immune response to human fungal pathogens and, conversely, the mechanisms that enable fungi to cause infectious diseases. To illuminate these processes, we generate fluorescent-based tools to monitor the outcome of fungal cell – host cell encounters and examine the role of both inhaled fungal spores and of endogenous fungal communities, termed the mycobiome, in fungal disease development.

[View Lab Overview](#) →

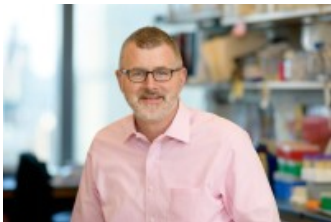




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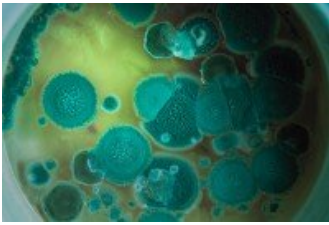
Featured News



[Tobias M. Hohl Elected a 2022 AAAS Fellow](#)

Tobias M. Hohl, MD, PhD, Chief of the Infectious Diseases Service in the Department of Medicine, was elected a 2022 Fellow of the American Association for the Advancement of Science (AAAS), the world's largest scientific society and publisher of the Science journals. This title is one of the most distinguished honors within the scientific community and is designed to recognize leaders for their notable contributions to science.

SCIENCE BYTE



[Insight into How Lungs Repel Infection Could Guide Therapies for Transplant Patients](#)

Learn how immune cells in the lungs trigger invasive fungal cells to self-destruct. The discovery could produce therapies to prevent infection in cancer patients.

Publications Highlights

[Shlezinger N, Irmer I, Dhingra S, Beattie SR, Cramer RA, Braus GH, Sharon A, and Hohl TM. Sterilizing immunity in the lung relies on targeting fungal apoptosis-like programmed cell death. Science. 357:1037-1041, 2017.](#)

[View All Publications](#)

People



Tobias M. Hohl, MD, PhD

Chief, Infectious Diseases Service

Physician-scientist Tobias Hohl studies the molecular pathogenesis of human fungal pathogens and how the immune system responds to them.

MD, Weill Medical College of Cornell University

PhD, Weill Graduate School of Medical Sciences of Cornell University

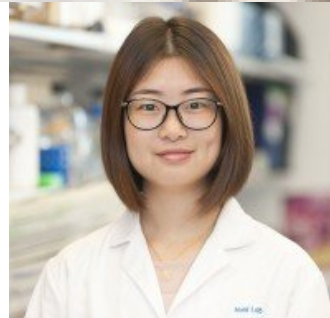
✉ hohl@mskcc.org

Email Address

🔗 [View physician profile](#)

Physician profile

Members

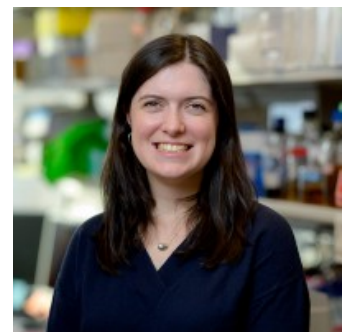


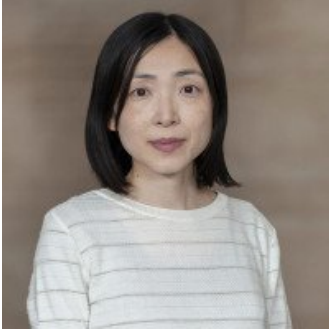
Yahui Guo

Research Fellow

Katrina Mar

Research Fellow





Keiko Yasuma-

Mitobe

Research Fellow

Lab Alumni

+

Lab Affiliations

+

Achievements

Fellow, American Academy of Microbiology (2021)

Member, American Society of Clinical Investigation (2016)

Investigator in the Pathogenesis of Infectious Diseases, Burroughs Wellcome Fund (2014)

Fellow, Infectious Diseases Society of America (2012)

Young Investigator Award, American Society of Microbiology (2009)

Lab News & Events

UPCOMING EVENT

[Novel Insights into Antifungal Immunity: From the Bench to the Bedside](#)

Monday, May 13, 2024 - 1:30 PM to 2:30 PM

Memorial Sloan Kettering Cancer Center

Zuckerman Research Center

417 East 68th Street

Room ZRC-105
New York, NY 10065

Open Positions

To learn more about available postdoctoral opportunities, please visit our [Career Center](#)

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

Career Opportunities

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Get in Touch

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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.

Tobias M. Hohl discloses the following relationships and financial interests:

No disclosures meeting criteria for time period

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

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