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The Lorenz Studer Lab

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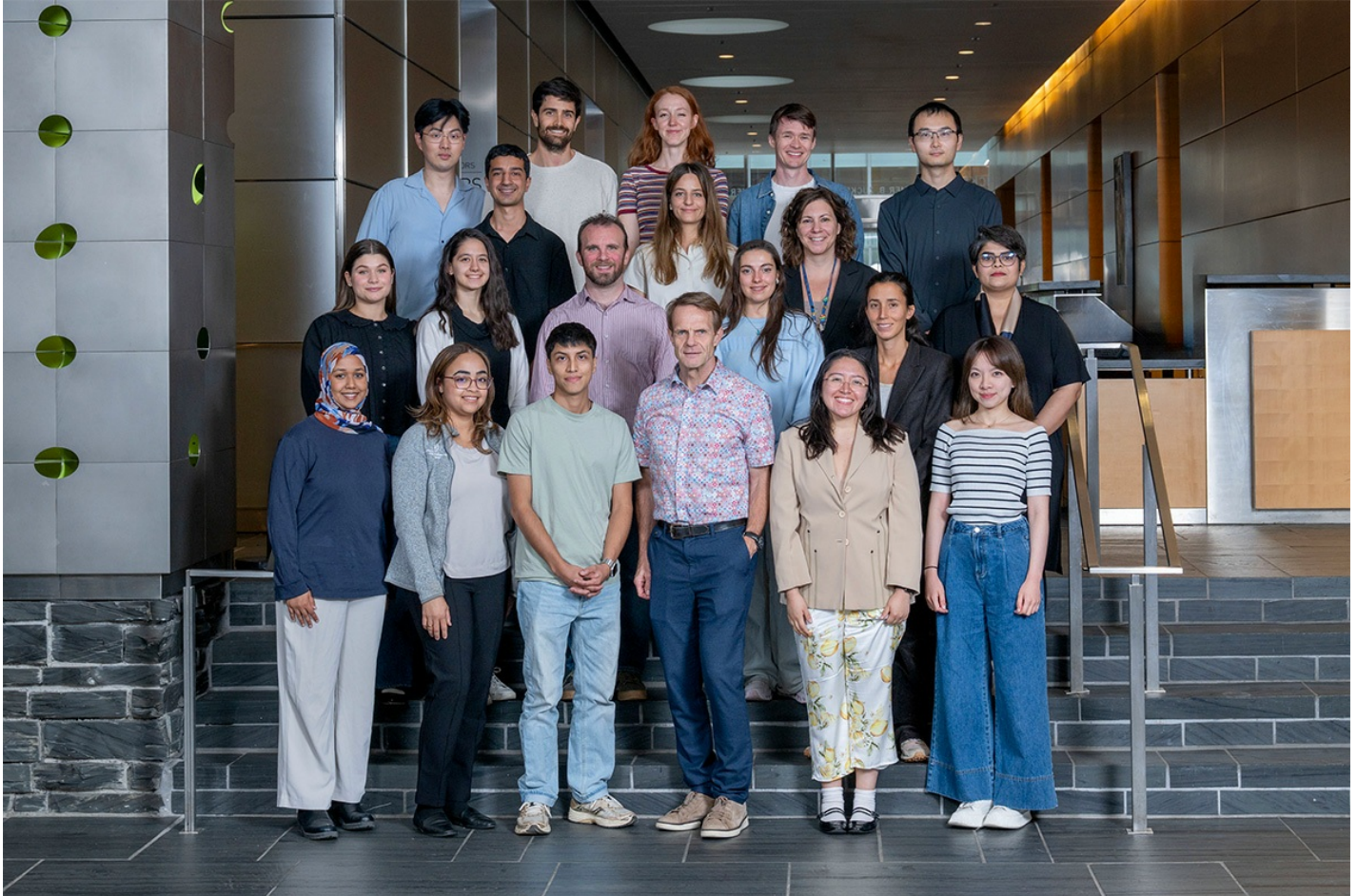
Lorenz Studer, MD
Director, Center for Stem Cell Biology

Our laboratory aims at exploiting recent advances in stem cell biology to develop radically new therapies for degenerative disease and cancer. The main focus in the lab is on the biology and application of human embryonic stem (ES) and human induced pluripotent (iPS) cells. Pluripotent stem cells can provide a truly unlimited source for deriving therapeutically relevant cell types for applications in human disease modeling or regenerative medicine.

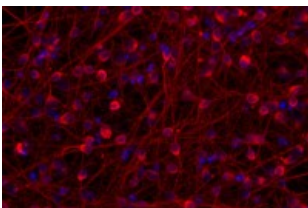
[View Lab Overview \(https://www.mskcc.org/research/ski/labs/lorenz-studer/overview\)](https://www.mskcc.org/research/ski/labs/lorenz-studer/overview)

Research Projects

- [Directing Fate and Age of Human Pluripotent Stem Cells](#)
- [Modeling Human Disease Using Pluripotent Stem Cells](#)
- [Human Pluripotent Stem Cells in Cell Therapy](#)

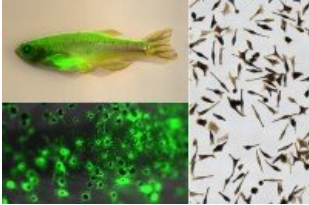


Featured News



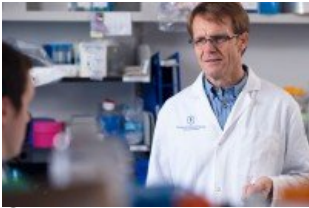
[MSK Researchers Hack Neurons' Internal Clocks To Accelerate the Study of Neurological Diseases](#)

New research led by MSK has uncovered a way to “hack” neurons' internal clocks to speed up their development. The approach promises to accelerate research into neurological disease.



[Why Are Only Some Cells ‘Competent’ to Form Cancer? MSK Scientists Say Context Is Key](#)

Experiments with zebrafish and human pluripotent stem cells reveal the necessary ingredients, besides genetic mutations, that fuel the development of melanoma.



Q&A

[Taking Aim at Parkinson’s Disease: A Conversation with Developmental Biologist Lorenz Studer](#)

In an interview in September 2020, Dr. Studer spoke about what he hopes he and his fellow investigators can accomplish with this generous support.

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People

Lorenz Studer, MD

Director, Center for Stem Cell Biology

- The Studer laboratory investigates human stem cells as tools to understand normal and pathological development in the nervous system and to develop cell-based strategies for regenerative medicine.
- MD, Universitat Bern

✉ studerl@mskcc.org

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Members

Lab
Alumni



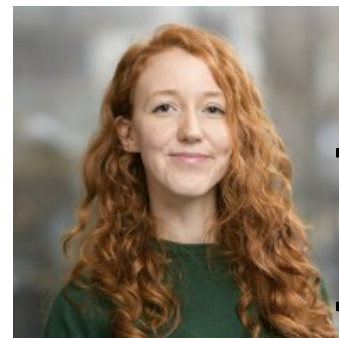
Lorenz Studer
Member; Enid A. Haupt Chair in
Developmental Biology

Brea Chernokal
Graduate Student

Lab Manager

Giridhar Anand
Research Fellow

Lab Affiliations



Silvia Benito Kwiecinski

Achievements

- Member, National Academy of Medicine (2024)
- Helis Foundation Prize for Parkinson's disease



Vittoria Bocchi
Research Associate



James Hackland
Senior Research Scientist



Luz Jubierre
Senior Research Scientist

Research Fellow and Neurodegenerative Research, John's Hopkins University (2024)

- ISSCR Achievement Award (2022)
- ISSCR, Ernest McCulloch Memorial Lecture, Robert & Claire Pasarow Foundation Award (2019)

- Jacob & Louise Gabbay Award in Biotechnology & Medicine (2018)

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](#)

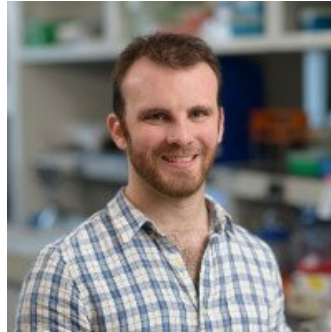
Career Opportunities

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Noopur Khobrekar
Research Fellow

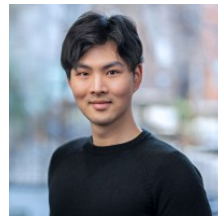
Hui Shen
Research Associate



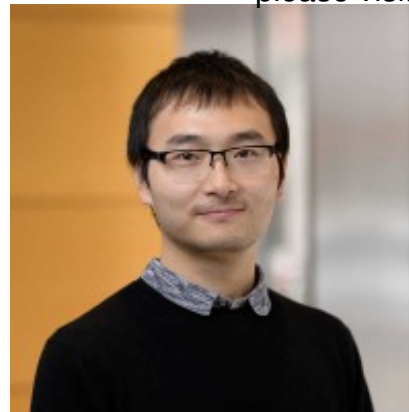
Ryan Walsh
Senior Research Scientist



Leslie Weber
Research Scholar - NYSTEM Training Award at the CSCB



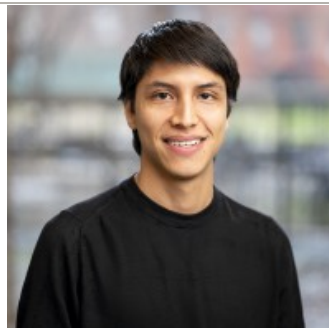
Donghe Yang
Research Fellow



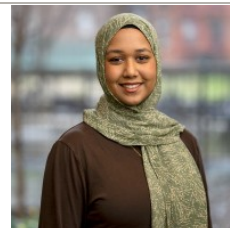
Zhe Yang, PhD
Research Fellow - NYSTEM Training Award at the CSCB



Alessandro Evangelisti
Graduate Student



Miguel Chavez Pachas
Graduate Student



Maliha Rahman
Graduate Student

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MSK Bridge Scholar



Kaylin Sevilla Lopez
Research Technician



Adrienne Nemchik
Research Technician

Disclosures



Danaysy Frias
Senior Administrative Assistant

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.

Lorenz Studer discloses the following relationships and financial interests:

- BlueRock Therapeutics
Intellectual Property Rights; Professional Services and Activities

- DaCapo Brainscience, Inc.
Equity; Professional Services and Activities (Uncompensated)
- Fujifilm Cellular Dynamics, Inc.
Intellectual Property Rights
- Luxa Biotechnology, LLC
Professional Services and Activities

- Roche
Professional Services and Activities
- Rumi Scientific, Inc.
Equity; Professional Services and Activities (Uncompensated)
- Vita Therapeutics, Inc.
Equity; Professional Services and Activities (Uncompensated)

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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.

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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