



# Lurie Cancer Center Symposium & Scientific Poster Session

**Wednesday, June 22, 2022**

2:00 p.m - 7:00 p.m. Central Time

Robert H Lurie Medical Research Center • 303 E. Superior St., Chicago • Baldwin Auditorium & Ryan Family Atrium

The **14th Annual Lurie Cancer Center Symposium**, co-chaired by Lillian Eichner, PhD and Vipul Shukla, PhD, will feature presentations from graduate students and post-doctoral fellows from our labs. A keynote lecture will be given by Marsha Rosner, PhD of the University of Chicago.

The **Scientific Poster Session**, which will take place immediately following the symposium, will feature the work of students and postdoctoral fellows from the laboratories of Lurie Cancer Center members on Northwestern's Evanston and Chicago campuses.

**You must register your poster by June 13.**

There is no fee and refreshments will be served.

More information and registration is available at:

[cancer.northwestern.edu/symposium](http://cancer.northwestern.edu/symposium)

## CO-CHAIRS

### Lillian Eichner, PhD

Assistant Professor of  
Biochemistry and Molecular Genetics

### Vipul Shukla, PhD

Assistant Professor of Cell and Developmental Biology

## STUDENT COMMITTEE MEMBERS

**Rebecca Southern** (PhD Candidate, Shukla Lab)

**Irena Gushterova** (PhD Candidate, Eichner Lab)

2:00 p.m.	<b>Welcome</b> <b>Marcelo Bonini, PhD</b> Associate Director, Education and Training, Lurie Cancer Center
2:05 p.m.	<b>Multi-Omic, Single-Cell Dissection of Anti-Merkel Cell Carcinoma Immune Response</b> <b>Zachary Reinstein</b> (MD/PhD Candidate, Jaehyuk Choi lab)
2:25 p.m.	<b>Regulation of Bicarbonate Metabolism and Cell Growth by mTORC1 Signaling</b> <b>Eunus Ali, PhD</b> (Postdoc, Issam Ben-Sahra lab)
2:45 p.m.	<b>HOXB13 Suppresses De Novo Lipogenesis through HDAC3-Mediated Epigenetic Reprogramming in Prostate Cancer</b> <b>Xiaodong Lu, PhD</b> (Postdoc, Jindan Yu lab)
3:05 p.m.	<b>Break</b>
3:15 p.m.	<b>KEYNOTE ADDRESS</b> <b>Rewiring Signaling Pathways as a Therapeutic Approach to Cancer</b> <b>Marsha Rosner, PhD</b> Charles B. Huggins Professor of Ben May Department of Cancer Research The University of Chicago
4:05 p.m.	<b>Leveraging Chromatin Packing to Modulate Phenotypic Plasticity and Chemoavoidance Potential of Cancer Cells</b> <b>Ranya Virk</b> (PhD Candidate, Vadim Backman lab)
4:25 p.m.	<b>The Role of Aging-Related Bone Marrow Inflammatory Microenvironment in the Progression of Myelodysplastic Syndromes</b> <b>Kehan Ren, PhD</b> (Postdoc, Peng Ji lab)
4:45 p.m.	<b>Closing Remarks</b> <b>Lillian Eichner, PhD and Vipul Shukla, PhD</b>
4:50 p.m.	<b>Awards Presentation</b>
5:10 p.m.	<b>Reception &amp; Scientific Poster Session</b>
7:00 p.m.	<b>Adjourn</b>