

Single Cell Mapping in Development & Cancer

September 18, 2023

12:00pm - 6:00pm

New Science Building, 1st Floor Seminar Room 103

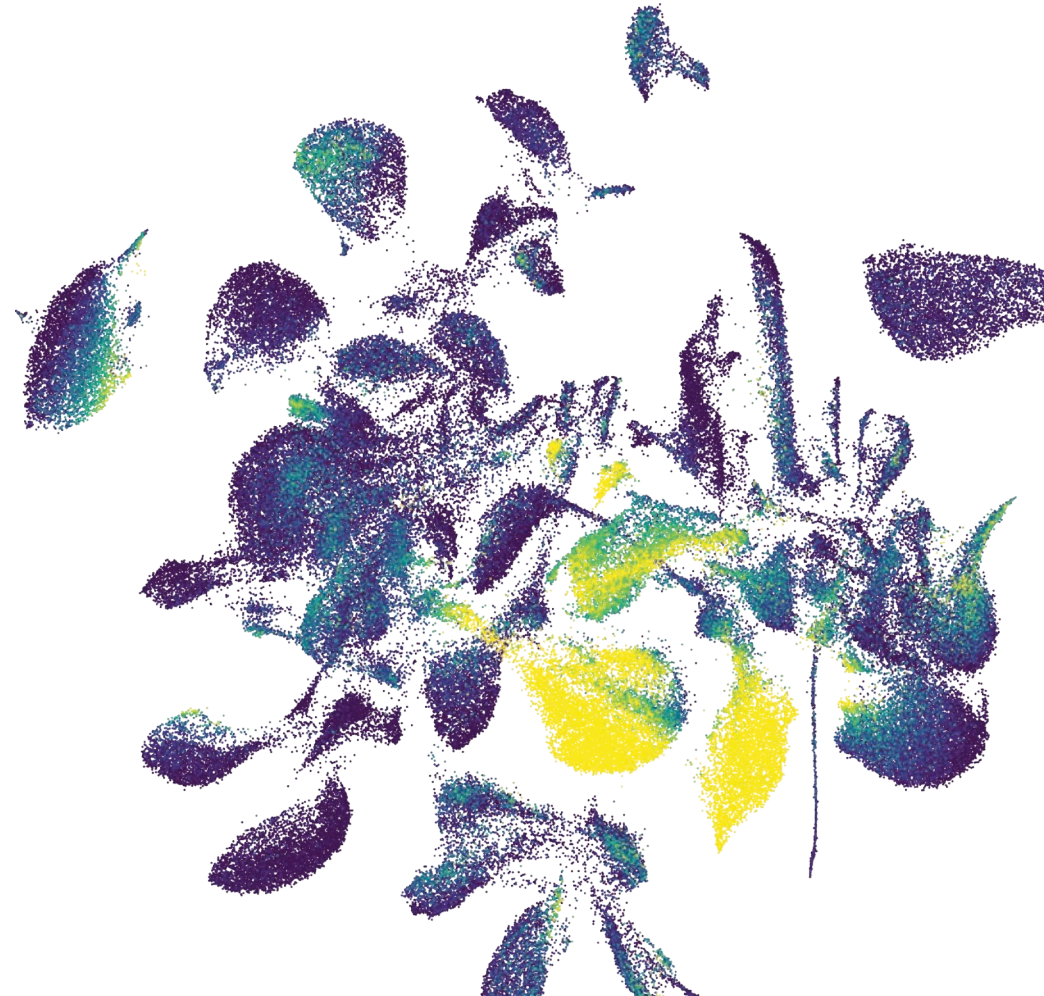
Organizing Committee:

Iannis Aifantis, PhD

Bettina Nadorp, PhD

Special Thanks to:

Ramona Burnett



AGENDA **SEPTEMBER 18, 2023**

12:30pm–1:00pm Coffee and Pastries

1:00pm–1:10pm

Introduction

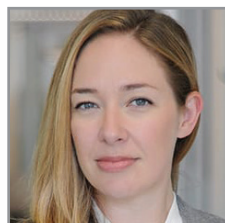
Iannis Aifantis, PhD
NYU Grossman School of Medicine, New York



1:10pm–2:00pm, Keynote

New single-cell lineage tracing technologies to deconstruct cell identity

Samantha Morris, PhD
Washington University School of Medicine, St. Louis
Introduced by Juan Carlos Balandran, PhD, *Aifantis Lab*



2:00pm–2:30pm

The genomic and transcriptomic landscape of myeloid sarcoma and associated acute myeloid leukemia

Bettina Nadorp, PhD
NYU Grossman School of Medicine, New York
Introduced by Zoe Ciantra, *Aifantis Lab*



2:30pm–3:00pm

Moving beyond the transcriptome: Integrated Cellular Analysis

Rahul Satija, PhD,
College of Arts & Science, NYU University, New York
Introduced by Giovanni Gambi, PhD, *Aifantis Lab*

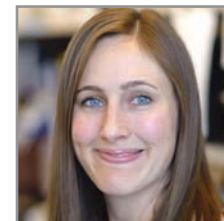


3:00pm–3:30pm Coffee Break

3:30pm–4:00pm

ContactTracing the impact of chromosomal instability on the tumor ecosystem

Ashley Laughney, PhD
Cornell Medicine, New York
Introduced by Mingjun Liu, PhD, *Aifantis Lab*



4:00pm–4:30pm

Machine learning dynamics in the tumor microenvironment

Elham Azizi, PhD
Biomedical Engineering, Columbia University, New York
Introduced by Audrey Lasry, PhD, *Aifantis Lab*



4:30pm–5:00pm

Single-cell mapping of human somatic evolution

Dan Landau, MD, PhD
Cornell Medicine, New York
Introduced by Maria Sirenko, PhD, *Aifantis Lab*



5:00pm–5:30pm

Toward an integrated multiomic understanding of hematopoiesis

Lee Grimes, PhD
Cincinnati Children's Hospital Medical Center, Cincinnati
Introduced by Yohana Ghebrechristos, PhD, *Aifantis Lab*

