Organizing Committee:
Iannis Aifantis, PhD
Bettina Nadorp, PhD

Special Thanks to:
Ramona Burnett

Single Cell Mapping in Development & Cancer
September 18, 2023
12:00pm - 6:00pm
New Science Building, 1st Floor Seminar Room 103
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