

RUTGERS

Virtual Crash Course

Cancer Immunology and Metabolism

Wednesday, December 7th 2022

1:00–5:15 PM EST

Registration: go.rutgers.edu/zw30e8yh

Participation is free but registration is required.
The Zoom link for this Course will be emailed
only to registered participants.

CO-CHAIRS

Stephen K. Burley, M.D., D.Phil.
Christian S. Hinrichs, M.D.
Edmund C. Lattime, Ph.D.
Wei-Xing Zong, Ph.D.

SHOWCASING

Duncan and Nancy MacMillan Center of Excellence,
Cancer Immunology and Metabolism,
Rutgers Cancer Institute of New Jersey (co-led by
Eileen White and Christian Hinrichs)

and

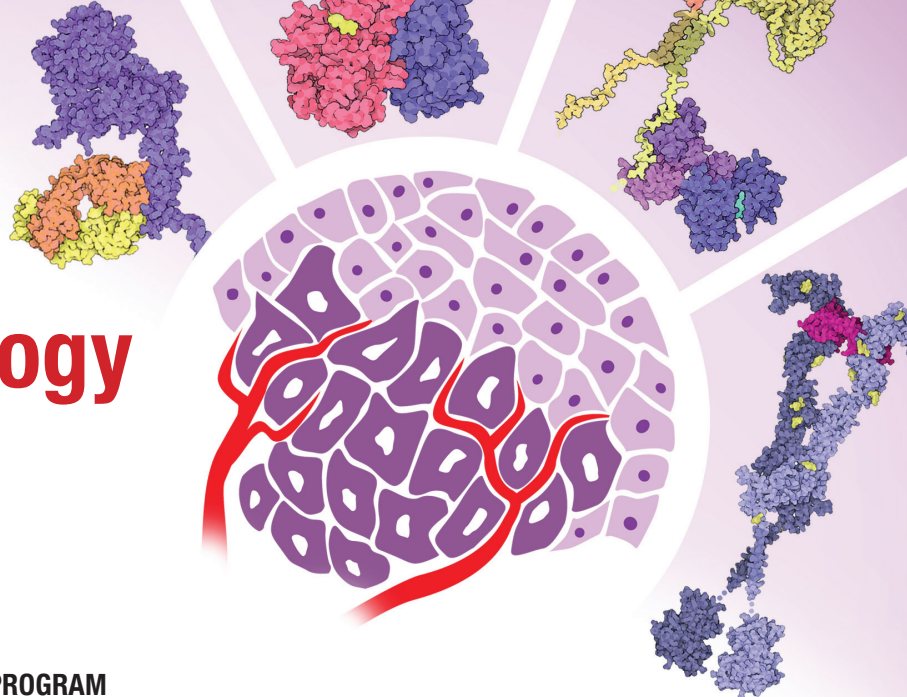
Ludwig Princeton Branch, Ludwig Institute for Cancer
Research, Princeton University (co-led by Joshua
Rabinowitz and Eileen White)

QUESTIONS

Contact Michelle Sanghera
msanghera@iqb.rutgers.edu

SPONSORS

Rutgers Institute for Quantitative Biomedicine,
Rutgers Cancer Institute of New Jersey,
Ludwig Cancer Research, and Princeton University



PROGRAM

- 1:00–1:05 PM *Welcome*
Stephen K. Burley, M.D., D.Phil. - Rutgers Institute for
Quantitative Biomedicine
- 1:05–1:10 PM *Introduction*
Steven K. Libutti, M.D. - Rutgers Cancer Institute of New Jersey
- 1:10–1:15 PM *Crash Course Objectives*
Edmund C. Lattime, Ph.D. - Rutgers Cancer Institute of New Jersey
- 1:15–1:45 PM *ATP Metabolism in Tumors and T Cells*
Joshua Rabinowitz, M.D., Ph.D. - Princeton University and
Ludwig Princeton Branch, Ludwig Institute for Cancer Research
- 1:45–2:15 PM *Protective Immunity in Ovarian Cancer is Governed by
T Cell-intrinsic Mitochondrial Stress Responses*
Kyle K. Payne, Ph.D. - Rutgers Cancer Institute of New Jersey
- 2:15–2:45 PM *Role of Autophagy in KRAS-driven Lung Cancer*
Jessie Yangxiang Guo, Ph.D. - Rutgers Cancer Institute of New Jersey
- 2:45–3:00 PM *Break*
- 3:00–3:30 PM *Inflammation, Metabolism and Cancer*
Eileen White, Ph.D. - Rutgers Cancer Institute of New Jersey and
Ludwig Princeton Branch, Ludwig Institute for Cancer Research
- 3:30–4:00 PM *The Nitrogen Side of Cancer Metabolism*
Wei-Xing Zong, Ph.D. - Rutgers Cancer Institute of New Jersey and
Ernest Mario School of Pharmacy
- 4:00–4:30 PM *Targeting Cancer Fitness Genes to Enhance the Efficacy of
Immunotherapy in Metastatic Cancers*
Yibin Kang, Ph.D. - Princeton University and
Ludwig Princeton Branch, Ludwig Institute for Cancer Research
- 4:30–5:00 PM *Immune Cell Therapy for Epithelial Cancers*
Christian S. Hinrichs, M.D. - Rutgers Cancer Institute of New Jersey
- 5:00–5:15 PM *Closing Remarks and Acknowledgments*
Stephen K. Burley, M.D., D.Phil.



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