

Metabolism-based Cancer Therapy

Virtual Symposium

08.10.2021

12-6 pm (CET)

FREE
REGISTRATION



11:30 AM -12:00 AM

Tech set up

12:00 PM -12:10 PM

Welcoming remarks *by organizers*

12:10 PM - 2:00 PM Session 1

12:15 - 12:45

Saverio Minucci, European Institute of Oncology, Milan
Exploiting metabolically activated signaling pathways to tackle cancer

12:45 - 1:15

Claudio Vernieri, The FIRC Institute of Molecular Oncology, Milan
Hypoglycemic diet reshapes systemic metabolism and intratumor immunity in cancer patients

1:15 - 1:45

Prof. Thomas Oellerich, Goethe University Frankfurt
Elucidation of pathogenic mechanisms in acute myeloid leukemia by integrated proteogenomics

1:45 - 2:00

Open discussion

2:00 - 2:25

Coffee Break

2:25 PM - 4:30 PM Session 2

2:30 - 3:00

Prof. Erika Pearce, Johns Hopkins University, Baltimore
Phosphoinositide acyl chain saturation drives effector CD8+ T cell signaling and anti-tumor immunity

3:00 - 3:30

Prof. Julie St-Pierre, University of Ottawa
Metabolic adaptations supporting the evolution of resistance to chemotherapeutics in breast cancer

3:30 - 4:00

Prof. Michael Pollak, MD, McGill University, Montreal
Reduced expression of Electron Transfer Flavoprotein Dehydrogenase provides a growth advantage to cancers but increases sensitivity to oxphos inhibitors.

4:00 - 4:30

Open discussion

4:30 - 4:45

Break

4:45 - 5:30

Keynote **Prof. Matthew van der Heiden**, MIT Koch Institute for Integrative Cancer Research, Cambridge
How understanding cancer metabolism informs therapy

5:30 - 6:00

Panel Discussion **Future directions**