



Day 1

November 5
2026

Decoding the Dark Side of Cancer

Scientific Committee: Reuven Agami, Miao-Ping Chien, Sebastiaan van Heesch

Time Program

- 08.30 Walk in, registration and coffee
09.30 Welcome by Scientific Committee

Session I

- 09.40 **Maria Abad** - Altos Labs, Cambridge Institute, United Kingdom
When the non-coding codes: Mining the hidden microproteome for new therapeutic targets
- 10.15 **Ataman Sendoel** - University of Zurich, Switzerland
Single-cell approaches for dissecting tissue-wide microprotein function
- 10.50 **Break**
- 11.35 **Oded Rechavi** - Tel Aviv University, Israel
What is the role of transgenerational small RNA inheritance?
- 12.10 **Marvin Tanenbaum** - Hubrecht Institute and Oncode Institute, The Netherlands
Beyond the Kozak sequence: mechanism of translation start codon selection
- 12.45 **Lunch, network and Meet the speakers**

Session II

- 14.00 **Alberto Bardelli** - University of Torino, Italy
Inhibition of DNA mismatch repair for therapeutic purposes
- 14.35 **Karen Adelman** - Harvard Medical School, USA
RNA quality control in disease
- 15.10 **Break and Meet the speakers**
- 15.55 **Jennifer Dionne** - Stanford University, USA and CEO of PumpkinSeed Bio
Decoding the Tumor Immune Microenvironment: Metasurface-Enhanced Raman Spectroscopy for Peptide Sequencing and Single-Cell Phenotyping
- 16.30 **César de la Fuente** - University of Pennsylvania, USA
Can machines discover function in the code of life?
- 17.05 **Scientific Committee**
Closing
- 17.10 - 18:10 **Networking drinks & bites**



Day 2

November 6
2026

Decoding the Dark Side of Cancer

Scientific Committee: Reuven Agami, Miao-Ping Chien, Sebastiaan van Heesch

Time Program

08.30 Walk in, registration and coffee

09.30 Welcome by Scientific Committee

Session III - part 2

09.40 **Michal Bassani-Sternberg** - Ludwig Cancer Research, Switzerland
HLA-I-presented microproteins and non-canonical peptides linked to transposable element activation

10.15 **Paul Bastard** - Institut Imagine, France
Do autoantibodies shape cancer immunosurveillance?

10.50 Break

11.35 **Natalie Scholes** - Netherlands Cancer Institute, the Netherlands
Inhibitors supercharge protein turnover through native proteolytic circuits

12.10 **Sandra Blanco** - Centro de Investigación del Cáncer, Spain
Targeting RNA methylases in Cancer Therapy: A Novel Approach to Revolutionize Treatment

12.45 Lunch, network and Meet the speakers

Session IV

14.00 **Žiga Avsec** - DeepMind, United Kingdom
Advancing regulatory variant effect prediction with AlphaGenome

14.35 **Andrea Ventura** - Memorial Sloan Kettering Cancer Center, USA
Understanding ecDNA-Driven Cancer Evolution

15.10 Break and Meet the speakers

15.55 **Yasuhiro Murakawa** - RIKEN, Japan
A full-length transcriptome atlas reveals hidden coding elements and functional peptides in human cancers

16.30 **Shira Weingarten-Gabbay** - Harvard Medical School, USA
Illuminating the viral dark proteome to advance our understanding on antiviral immunity

17.05 **Scientific Committee**
Closing

17.10 - 18:10 Networking drinks & bites