

BIOMARKERS DAY 2023

DIGITAL BIOMARKERS, FROM DATA TO THE CLINIC?

December 6, 2023

14:00-18:00

Auditoire P. Boymond (Bo2.2226), CMU

INFORMATION & REGISTRATIONS

unige.ch/medecine/biomarkerscentre

Limited number of attendees

Registration deadline **November 24**

HOSTED BY

Prof. Laura Rubbia-Brandt, UNIGE & HUG

Prof. Olivier Michielin, UNIGE & HUG

SPEAKERS

Prof. Mikael Pittet, UNIGE

Dr. Kristof Egervari, UNIGE & HUG

Dr. Yann Christinat, HUG

Dr. Petros Tsantoulis, UNIGE & HUG

Dr. Daniel Abler, HUG & CHUV

Prof. Valentina Garibotto, UNIGE & HUG

Prof. Doron Merkler, UNIGE & HUG

Prof. Andrew Janowczyk, UNIGE & Emory University (USA)

Dr. Christophe Gaudet-Blavignac, UNIGE



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PROGRAM OVERVIEW

14.00-14.10 Welcome address

Prof. Pierre Fontana, Coordinator of the CITB - UNIGE & HUG
Prof. Olivier Michielin, UNIGE & HUG
Prof. Laura Rubbia-Brandt, UNIGE & HUG

Plenary lecture:

14.10-14.35 Personalized oncology: targeting the key variables controlling a patient's cancer

Prof. Mikaël PITTET, UNIGE

Sequences based biomarkers in oncology: Chair: Prof. Tom McKee

14.50 – 15.10 Cancer biomarkers discovery: understanding the role of genetic and epigenetic in onco-hematology

Dr Kristof EGERVARI, MD PhD - UNIGE & HUG

15.10 – 15.25 Normalized LST: an Efficient Biomarker for Homologous Recombination Deficiency and Olaparib Response in Ovarian Carcinoma

Dr Yann CHRISTINAT , PhD - HUG

15.25-15.45 Omics-based biomarkers: daily use at the molecular tumor board

PD Dr Petros TSANTOULIS – UNIGE & HUG

15.45–16.10 Coffee break

Image based biomarkers in oncology: Chair: Prof. Doron Merkler

Radiomics:

16.10-16.30 Analysis of real-world clinical imaging data to assess tumor dynamics and response to immunotherapy for precision oncology

Dr Daniel Abler, PhD - HUG & CHUV

16.30-16.50 PET Imaging in Neurodegeneration and Neuro-oncology

Variants and Pitfalls. Prof Valentina Garibotto, UNIGE & HUG

Pathomics: Chair: Dr. Daniel Abler

16.50-17.10 Digital pathology: New Technologies giving new eyes to pathologist

Prof Doron Merkler, UNIGE & HUG



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17.10-17.30 Does Computational pathology improves risk stratification in cancer ?

Prof. Andrew Janowczyk, HUG and Emory University (USA)

Digital biomarkers in medicine: Chair: to be determined

17.30-17.50 Entering the era of digital biomarkers for clinical phenotypes

Dr Christophe Gaudet-Blavignac, UNIGE

17.50-18:00 Closing remarks

Prof. Laura Rubbia-Brandt, Prof. Olivier Michielin
