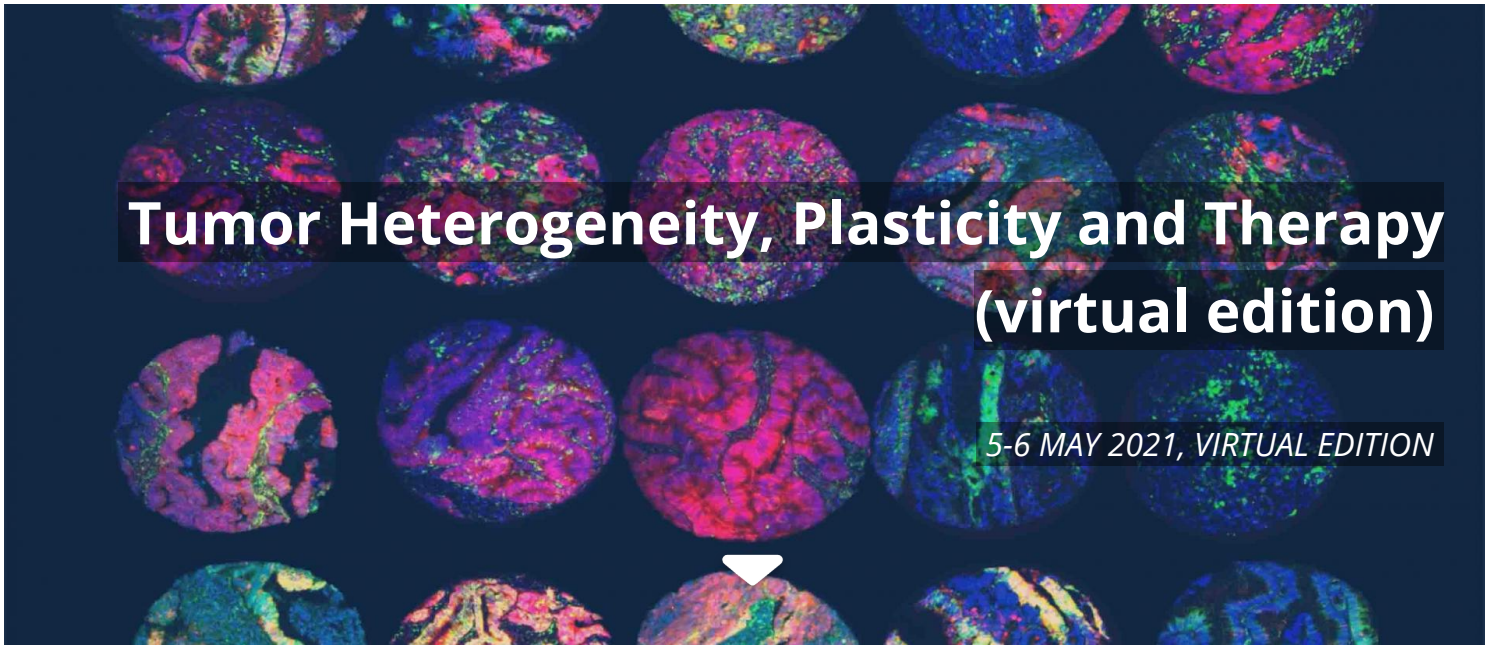
VIB conference series



Tumor Heterogeneity, Plasticity and Therapy (virtual edition)

5-6 MAY 2021, VIRTUAL EDITION

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Register for this event

	EARLY BIRD DEADLINE MAR 26	FINAL DEADLINE APR 23
PhD student ticket - virtual	€100.00	€120.00
Academic ticket - virtual	€125.00	€150.00
Industry ticket - virtual	€175.00	€210.00

VAT not included

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Tumor Heterogeneity, Plasticity and Therapy (virtual edition)

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We are pleased to announce the first edition of the VIB Conference 'Tumor heterogeneity, plasticity and therapy'. This will be a virtual conference.

Tumors are complex and evolving ecosystems composed of a wide variety of cell types, in addition to the cancer cells themselves. Increasing evidence indicates that the bi-directional interplay between tumor cells and their tumor microenvironment shape tumor evolution and therapy resistance.

Within a tumor, many cancer cells differ from each at the (epi-)genomic, transcriptional and proteomic level, as well as phenotypically and functionally. Tumor heterogeneity represents a major hurdle for therapy, which may only target a subset of tumor cells. In addition, cancer cell plasticity permits rapidly adaption to therapeutics and development of tolerance and resistance, presenting additional challenges for both targeted and immunotherapies.

During this conference a range of world leaders from academia and industry will discuss the latest

developments in basic research, translational and clinical research and therapeutic avenues, in the following sessions:

- Plasticity in initiation, progression and metastasis
- Heterogeneity and reprogramming of the tumor immune- and microenvironment
- Adaptation and resistance to targeted therapies
- Adaptation and resistance to immunotherapies

Information for abstract submissions:
The deadline for the abstracts submission was 12 March. The selection results will be communicated in the week of **22 March**. The best poster will win the **Nature Poster Prize**.

Important note: If you've submitted an abstract for the original dates of this event (14-15 May 2020) you need to submit your abstract again. **Previous submissions for the original dates will not be selected**.

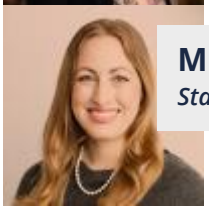
Confirmed speakers

Salvador Aznar-Benitah
Stem Cells and Cancer Lab, Institute for Research in Biomedicine (IRB Barcelona), ES

Charles Swanton
The Francis Crick Institute, UK

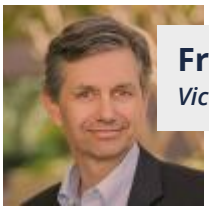
Johanna Joyce
Department of Oncology, University of Lausanne, Ludwig Institute for Cancer Research, CH

Department of Oncology, University of Lausanne, Ludwig Institute for Cancer Research, CH



Michelle Monje
Stanford University, US

Erika Pearce
Johns Hopkins University & Bloomberg-Kimmel Institute for Cancer Immunotherapy, US



Fred de Sauvage
Vice President and Staff Scientist, Genentech, US

SHOW ALL

Program

Day 1
Wednesday, 05 May, 2021

Day 2
Thursday, 06 May, 2021

Day 1 - Wednesday, 05 May, 2021

11:00 - 12:00 **Welcome coffee**

12:00 - 12:10 **Welcome**

Session 1 - Plasticity & initiation/progression and metastasis (including CTCs)

12:10 - 12:40 SCLC and vasculogenic mimicry - a route to metastasis?

Caroline Dive

CRUK Manchester Institute, The University of Manchester, UK

12:40 - 13:10 Dissecting the metastatic microenvironment

Ilaria Malanchi

Francis Crick Institute, UK

13:10 - 13:20 **Presenter to be announced**

selected from abstracts

13:20 - 13:50 Metastasis metabolism - You are what you eat

Sarah-Maria Fendt

VIB-KU Leuven Center for Cancer Biology, BE

13:50 - 14:20 Targeting Regenerative Plasticity in Metastasis

Karuna Ganesh

Memorial Sloan Kettering Cancer Center, US

14:20 - 14:50 Meet the speaker session 1

14:20 - 14:50 Coffee Break and Networking

14:50 - 16:00 **Virtual Poster Session 1**

Session 2 - Heterogeneity and reprogramming of the Tumor (immune) microenvironment

16:00 - 16:30

Immune contexture and tumor evolution in the era of immunotherapy

Jerome Galon

INSERM & Laboratory of Integrative Cancer Immunology, Sorbonne Universite, FR

16:30 - 17:00

Exploring and Exploiting the Tumor Microenvironment

Johanna Joyce

Department of Oncology, University of Lausanne, Ludwig Institute for Cancer Research, CH

17:00 - 17:10

Presenter to be announced

selected from abstracts

17:10 - 17:20

Short break

17:20 - 17:50

Neuronal activity promotes the progression of glial malignancies

Michelle Monje

Stanford University, US

17:50 - 18:20

Dynamic Properties of Tumor-Infiltrating Immune Cells Revealed by Single Cell Sequencing

Zemin Zhang

BIOPIC, College of Life Sciences, and Beijing Advanced Innovation Center for Genomics, Peking University, CN

18:20 - 18:50 Closing talk

Epigenetic influence of our (fatty) diet on metastatic-initiating cells

Salvador Aznar-Benitah

Stem Cells and Cancer Lab, Institute for Research in Biomedicine (IRB Barcelona), ES

18:50 - 19:20 Meet the speaker session 2

19:20 **Networking**
20:20

Organizing committee

Jean-Christophe Marine VIB-KU Leuven Center for Cancer Biology, BE
Diether Lambrechts VIB-KU Leuven Center for Cancer Biology, BE
Cédric Blanpain VIB-KU Leuven Center for Cancer Biology, BE
Barbara Marte Senior Editor Nature, UK
Evy Vierstraete Science Events Manager VIB, BE

Related news

Tickets are now available for the virtual edition of Tumor Heterogeneity, Plasticity & Therapy
- 8 December 2020

Spotlight on THPT20 speakers - 5 March 2020

Registration for the first edition of Tumor Heterogeneity, Plasticity and Therapy opens
- 30 October 2019

Abstracts

The full list of abstracts will be available on 26-04-2021 until 20-05-2021
This list will only be available for registered attendees of the event.

Attendees

The full list of attendees will be available on 26-04-2021 until 20-05-2021
This list will only be available for registered attendees of the event.

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