

## 7-8 JUNE 2022 - 4<sup>th</sup> p-care workshop on precision cancer medicine

### OVERVIEW

p-care has the goal of boosting the research capacity in precision cancer medicine. To this aim, p-care organizes its 4th online workshop as a moderated discussion forum on patient-derived model systems to promote the exchange of technical experience in using models for precision cancer medicine. Online seminars by leading scientists in cancer research will follow.



To register, please [click here](#) or use the QR code.

Details on the session will be communicated via e-mail.

### 7 JUNE 2022 10:00 – 12:30

#### MEET TOGETHER AND DISCUSS PATIENT DERIVED MODEL SYSTEMS

Discussion topics

##### Performing epigenomics studies using patient derived tumor organoids

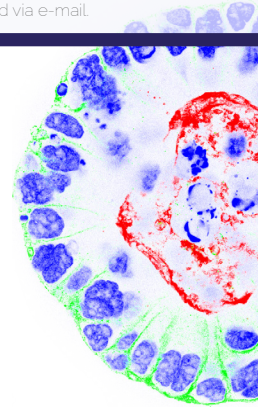
Chair: Giulia della Chiara (PhD), Pagani Laboratory, IFOM - the AIRC Institute of Molecular Oncology; Milan, Italy

##### Assessing the long-term stability of tumor organoid biobanks

Chair: Sara Sigismund (PhD), Chiara Tordonato (PhD); European Institute of Oncology, University of Milan, Italy

##### Testing therapy responsiveness using patient derived microtumors

Chair: Arno Amman (MD), Medical University of Innsbruck



Patient-derived model systems such as tumor organoids, spheroids or patient-derived xenografts have been successfully applied in pilot studies to define patient specific cancer therapy and perform drug testing. Novel approaches involve autologous patient-derived cells to mimic the tumor microenvironment. Protocols for the use of these model systems have been developed, but still lack standardization and may be conditioned by the specific expertise of the research group or local conditions.

The workshop aims to bring together young researchers working in the field of patient-derived systems to discuss technical aspects of using these models. It will provide participants with opportunities for collaborative interactions and for accelerating research progresses in their fields of interest.

Internationally recognized experts will introduce the topics of the technology sessions and open productive discussions between all participants.

### 7-8 JUNE 2022

#### NEW FRONTIERS IN CANCER RESEARCH

On the occasion of the p-care workshop we announce the following scientific seminars

#### 7 JUNE 2022

13.30 - 13.40

##### Welcome address

**Stefan Schoeftner (PhD)** - University of Trieste, Italy  
p-care project coordinator

13.40 - 14.15

##### Glioblastoma, cell by cell

**Stefano Piccolo (PhD)** - University of Padua, IFOM ETS - the AIRC Institute of Molecular Oncology, Milan, Italy

14.15 - 14.50

##### Organotypic liver cultures for regenerative medicine and disease modeling

**Giovanni Sorrentino (PhD)** - University of Trieste, Italy

14.50 - 15.25

##### Modeling brain cancer in vivo and with human organoids

**Luca Tiberi (PhD)** - University of Trento, Italy

15.25 - 16.00

##### Tissue fluidification in pathology

**Giorgio Scita (PhD)** - IFOM ETS - the AIRC Institute of Molecular Oncology, Milan, Italy

#### 8 JUNE 2022

10.00 - 10.05

##### Welcome address

**Stefan Schoeftner (PhD)** - University of Trieste, Italy  
P-CARE project coordinator

10.05 - 10.40

##### Reconciling intra-tumour genetic heterogeneity from whole-genome sequencing with computational methods

**Giulio Caravagna (PhD)** - University of Trieste, Italy

10.40 - 11.15

##### Amyloid aggregates as new players in tumor microenvironment

**Angela Bachi (PhD)** - IFOM ETS - the AIRC Institute of Molecular Oncology, Milan, Italy

11.15 - 11.50

##### Dendritic cells are critical to amplify neoantigens specific CD8 T cells in experimental lung tumors

**Federica Benvenuti (PhD)** - ICGEB, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy