

Cancer Summer Course: “FROM Concepts TO THERAPY”

Organizers:

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Course description

- This is an intensive, **4 day course** on the topic of new perspectives in cancer biology, tumors and therapy intended for PhD-, MD-PhD- and MD students at the Master level.
- The course includes thematic lectures given by principal investigators/invited speakers and presentations of research papers in journal club format by the participants. The research papers will be given to the participants beforehand. The students will have to prepare presentations (15 min power point presentation) in small groups of 2 participants per paper before the course. The students will have to coordinate the preparation of their presentations with the assigned group members. The goal is to have an interactive session inciting interesting discussions. Each student will have to present a part of the assigned paper.
- All students have to be familiar with all research papers and are expected to actively participate in the discussions. To ensure a well-informed discussion each student has to submit at least one written question for each research paper. These questions will be collected prior to the course and issues raised will be addressed.
- Lectures and discussions are in English.
- The course will be held **in person** according to COVID-regulations at the time. Lectures and discussions are in English and are held at the Center for Immunity and Infection Lausanne (CIIL), Epalinges in Room B301 (at the main entrance of the Centre de Laboratoires d’Epalinges, see map at the end of this document).
- Attendance of all lectures and journal club discussions are mandatory. A sign-up sheet will be circulated each day; it is the student's responsibility to ensure that they sign it as proof of attendance. In case of absence, students have to notify the organizers in advance.

Number of credits: 2.5 ECTS (among these 2 are tutorials). A maximum of 30

- participants will be accepted, on a first come basis, with priority to UNIL, EPFL and UNIGE students.
- **Please check the number of ECTS with your specific PhD programme if you are not a PhD student at the FBM, UNIL!**

Program 2022 - Cancer Summer Course, FROM CONCEPTS TO THERAPIES, Sept 5-8, 2022

Organizers: Monika Hegi, Tatiana Petrova, Johanna Joyce, François Kuonen

	Monday Sept 5	Tuesday Sept 6	Wednesday Sept 7	Thursday Sept 8
Morning	Session 1	Session 3	Session 5	Session 7
8:45 to 9:45 Lecture	Doug Hanahan EPFL-ISREC douglas.hanahan@epfl.ch Cancer Hallmarks – Introductory Lecture	Caroline Arber CHUV/UNIL Caroline.Arber-Barth@chuv.ch Immuno therapy from bench to the bedside	Olivier Michielin CHUV/UNIL/SIB Olivier.Michielin@chuv.ch From data science to precision medicine	Tatiana Petrova UNIL/CHUV/Ludwig tatiana.petrova@unil.ch Angiogenesis and cancer
Break				
10:00 to 12:00 Career discussion & discussion 2 papers	Group 1 presentation: Paper 1 Paper 2	Group 3 presentation: Paper 5 Paper 6	Group 5 presentation: Paper 9 Paper 10	Group 7 presentation: Paper 13 Paper 14
	Session 2	Session 4	Session 6	Session 8
12:15 – 13:15 Lecture Open to public	Simone Becattini UNIGE Simone.Becattini@unige.ch Functional adaptation of intestinal microbes to host immune responses	Lunch	Wouter Karthaus EPFL-ISREC wouter.karthaus@epfl.ch Mechanisms of androgen deprivation therapy in prostate cancer	Giovanni Ciriello UNIL-SIB Giovanni.Ciriello@unil.ch The different faces of cancer evolution
13:15 – 14:15	Lunch	Miki de Palma EPFL-ISREC michele.depalma@epfl.ch Research Integrity & Ethics (not public)	Lunch	Lunch
14:15 - 16:30 Career discussion & discussion 2 papers	Group 2 presentation: Paper 3 Paper 4	Group 4 presentation: Paper 7 Paper 8	Group 6 presentation: Paper 11 Paper 12	Group 8 presentation: Paper 15 Paper 16
16:30 – 17:00				Final discussion



Reception and room B301 are found at the entrance of building B (circled in red).

Building B is a 3 minute walk from the Metro stop "Croisettes" (circled in black).

Take the metro "M2" from Lausanne train station, (entry next to the McDonalds) direction "Croisettes" (last stop). This journey takes 15 minutes.