



University of
Zurich^{UZH}

ETH zürich

PhD Program in Cancer
Biology

University of Zurich
c/o Institute of Molecular
Cancer Research
Winterthurerstrasse 190
CH-8057 Zurich
Phone: +41 44 635 34 52
<http://www.cb.uzh.ch>

Mechanisms of cancer induction and progression 2023

Circulating Tumor Cells and Metastasis

Instructors

Prof. Dr. Nicola Aceto
Institute of Molecular Health Sciences, ETH Zurich
nicola.aceto@biol.ethz.ch

Alexander Ring, MD PhD
Institute of Molecular Health Sciences, ETH Zurich
and Department for Medical Oncology and Hematology, University Hospital Zurich
alexander.ring@biol.ethz.ch

Massimo Saini, PhD
Institute of Molecular Health Sciences, ETH Zurich
massimo.saini@biol.ethz.ch

Date Friday, June 23, 2023

Venue ETH Zurich, Hönggerberg Campus, Institute of Molecular Health Sciences,
HPL D32

Agenda

09:00 – 10:30	General introduction, technologies and biology of circulating tumor cells (Prof. N. Aceto)
10:30 – 10:45	<i>Short break</i>
10:45 – 11:30	CTCs in the clinic, implementation and future challenges (Dr. Alexander Ring)
11:30 – 11:45	<i>Short break</i>
11:45 – 12:30	Experimental models in metastasis research (Dr. Massimo Saini)
12:30 – 13:30	<i>Lunch break</i>
13:30 – 14:30	Interactive Q&A session (via Kahoot) (Prof. N. Aceto, Dr. Alexander Ring, Dr. Massimo Saini)

Learning outcomes

Students will learn about circulating tumor cells (CTCs), their biology and potential future implications in the clinical setting. They will also get an overview about state-of-the-art experimental models used in metastasis research, and discuss current controversies and future directions in the CTC research field.