



University of
Zurich^{UZH}

ETH zürich

PhD Program in Cancer Biology

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c/o Institute of Molecular Cancer
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Module A - Cancer Biology 2024

Model systems for cancer research

Instructors

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|--------------------------|---|
| Date | Friday, November 1, 2024 |
| Course Venue | Irchel Campus, Y17 K11, Winterthurerstr. 190, 8057 Zürich |
| General Outline | |
| 09.30 – 10.30 | Mouse cancer models (Anne Müller) |
| 10.30 – 11:30 | Image-based analysis of cancer cell phenotypes <i>in vitro</i> and <i>ex vivo</i> (Martin Baumgartner) |
| 11:30 - 12:30 | From dish to fish: translational tools for clinical insights in melanoma (Mitch Levesque) |
| 12:30 | Reading and preparing for discussion “the anti-CD28 case” Literature will be distributed before the lunch break |
| <i>Afterwards</i> | <i>Lunch break</i> |
| 14:30 – 16.30 | Discussion “the anti-CD28 case” with Maries van den Broek and Anne Müller |
| Learning outcomes | After this course day students will know main approaches towards ex vivo modeling for cancer research, understand advantages and limitations of ex vivo models. Understand experimental and regulatory aspects of preclinical work needed for drug approval |