



## Module B - Tumors and the Immune System 2024 - **Hematologic Malignancies**

### Instructors

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**Date** Tuesday, April 9, 2024

**Course Venue** ETH, Gloriastrasse 35, ETZ E 81

### General Outline

- 09:00-09:15 Intro PD. Dr. Stefan Balabanov
- 09:15-10:00 lecture by PD. Dr. Stefan Balabanov, treatment of AML and CML
- 10:00-10:45 lecture by PD Dr. Alexander Theodorides, clonal hematopoiesis
- Break
- 11:00-11:30 lecture by Prof Thorsten Zenz, experimental approaches for hematologic malignancies in adults
- 11:30-12:00 lecture by Prof Jana Ellegast Experimental approaches for myeloid malignancies
- Lunch
- 13:30-14:00 Dr. Nicole Bodmer, Experimental approaches for Childhood Leukemia
- 14:00-14:30 PD Dr. B Bornhauser, functional precision hematology, Drug Response Profiling
- Break
- 14:45-15:30 T-cell engineering for hematological malignancies Prof Chiara Magnani
- 15:30-16:00 Molecular Diagnostics of Minimal Residual Disease according to EuroMRD Guidelines, Dr. Susanne Kubetzko
- Short closing by Dr. Susanne Kubetzko

### Topics

The goal of this course is to provide an understanding of the development of modern oncology based the most relevant examples of human leukemia. We will illustrate how therapeutic concepts are developed in oncology and how important the close interconnection between cancer biology and hemato-oncology for the steady improvement of therapeutic options taking the complexity of each individual case into consideration.