



University of  
Zurich<sup>UZH</sup>

**ETH** zürich

PhD Program in Cancer Biology

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c/o Institute of Molecular Cancer  
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## Module E - Translational cancer biology 2024

### Encoded library technology and generation/testing of prototypes

#### Instructor

Prof. Dario Neri

Member of the Board of  
Philochem AG

CEO and CSO of Philogen  
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**Date** Monday, February 5, 2024

**Course Venue** UZH, Irchel Campus, Y13-M-12

#### General Outline

09.00 – 12.00      - Antibody library technology  
                         - Tumor targeting: basic principles  
                         - Arming antibodies with effector functions

12:00 – 13:00      *Lunch break*

13:00 – 15:00      DNA-encoded chemical libraries  
                         Using small ligands for *in vivo* tumor targeting applications

**Learning outcomes:** Students will get familiar with encoded library technologies (i.e., antibody phage display technology and DNA-encoded chemical libraries) and with modern approaches to targeted tumor therapy, based on pharmacodelivery vehicles isolated from encoded combinatorial libraries.