

## Information

### When

Thursday June 16th, 2022  
9.00 – 17.45 h

### Contact

Comprehensive Cancer Center Zurich  
ccc@usz.ch

### Registration

Until 9th of June at  
[www.usz.ch/veranstaltung/clinics-meets-data-science](http://www.usz.ch/veranstaltung/clinics-meets-data-science)

Participation is free of cost.

### Credits

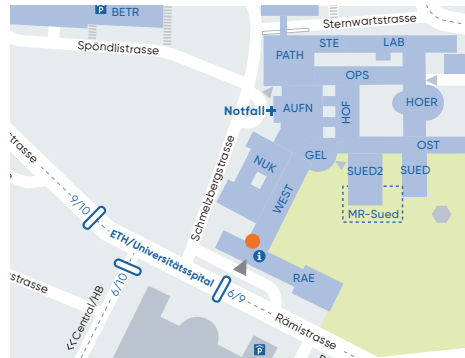
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### Venue

University Hospital Zurich  
Hörsaal WEST U  
Rämistrasse 100, 8091 Zurich

### Directions

Tramlines 6, 9, 10 to tram stop  
ETH / Universitätsspital



### Gold Sponsors



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Comprehensive Cancer Center Zürich

## Clinics meets Data Science

Thursday June 16th, 2022, 9.00 – 17.45 h  
Hörsaal WEST U, University Hospital Zurich

CCCZ – joint center of excellence

**USZ** Universitäts  
Spital Zürich



**Balgrist**  
University Hospital



# Program

- 09.00 h** **Welcome**  
Abdullah Kahraman, University Hospital Zurich
- Session 1: Current Data Science Technologies in Clinics**  
Chair: Aashil Batavia, University Hospital Zurich, ETH and Phil Cheng, University Hospital Zurich
- 09.10 h** **Keynote:**  
**Privacy-Preserving Systems Medicine**  
Jan Baumbach, University of Hamburg, Institute of Computational Systems Biology
- 09.50 h** **AI-driven Morphological and Molecular Profiling of Intra-tumor Renal Cancer Heterogeneity**  
Hella Bolck, University Hospital Zurich, Institute for Pathology and Molecular Pathology
- 10.20 h** **How Modern Data Governance can enable Clinical Care and Research**  
Elke Mittendorf, University Hospital Zurich, Directorate ICT
- 10.50 h** **Short Break**
- 11.10 h** **From (Routine) Health Data to FAIR Research Data: Scalable and Sustainable Efforts of the Swiss Personalized Health Network (SPHN)**  
Katrin Cramer, Swiss Institute of Bioinformatics, Personalized Health Informatics
- 11.40 h** **Panel Discussion 1: Current Technologies / Applications / Problems**  
Chair: Abdullah Kahraman, University Hospital Zurich and Zsolt Balazs, University Hospital Zurich, University of Zurich
- 12.15 h** **Lunch Break**
- Session 2: Future Data Science Technologies in Clinics**  
Chair: Aashil Batavia, University Hospital Zurich, ETH and Phil Cheng, University Hospital Zurich
- 13.30 h** **Keynote:**  
**Pathogen Surveillance using Bioinformatics in Switzerland**  
Adrian Egli, University Hospital Basel, Clinical Microbiology
- 14.10 h** **Topographic Biomarkers and Where to Find Them**  
Denis Schapiro, University Hospital Heidelberg, Institute for Computational Biomedicine, Institute of Pathology
- 14.40 h** **The Quest for Trustworthy Medical AI**  
Michael Krauthammer, University Hospital Zurich, University of Zurich
- 15.10 h** **Short Break**
- 15.30 h** **Application of Data Science and Computer Vision in Orthopedics**  
Philipp Fürnstahl, Balgrist University Hospital
- 16.00 h** **Data Science in Molecular Tumor Boards**  
Kjong Lehmann, RWTH Aachen, University Hospital Aachen
- 16.30 h** **Keynote:**  
**Grammar-based Interactive Visualization of Genome-Mapped Data with Gosling**  
Nils Gehlenborg, Harvard Medical School
- 17.10 h** **Panel Discussion 2: Future of Clinical Data Science**  
Chair: Elke Mittendorf, University Hospital Zurich and Regina Grossmann, University Hospital Zurich
- 17.45 h** **Closing Remarks**