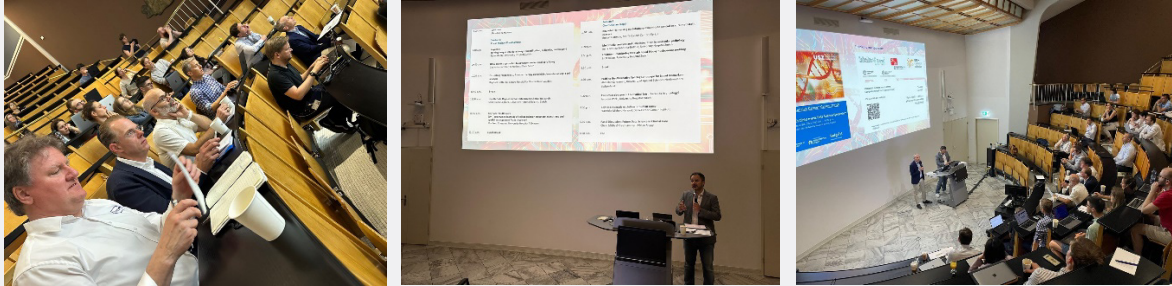**Biotechnet Conference Report:**

Clinics Meets Data Science

Quick Facts

📍 **June 8, 2023 at the University Hospital Zurich**

👥 **90 participants onsite, 150 online**
Mix of academic, industrial, clinical, and international

👨‍🏫 **11 presentations**

5 sponsors: Biotechnet, Swiss Institute of Bioinformatics, URPP and the University of Zürich

Organized by: Abdullah Kahraman (FHNW), Michael Krauthammer (USZ), Adrian Jaeggi (UZH)

Takeaway

★ **The symposium showcased the ever-increasing importance of data science technologies at hospitals that help to develop new treatment options for complex diseases.**

📅 **Next event: June 2024**

Additional Information

🔗 **https://www.usz.ch/veranstaltung/clinics-meets-datascience-symposium/**

Session Highlights

In his keynote, Prof. Björn Menze from the University Hospital Zurich presented the newest technologies for extracting knowledge from radiomics imaging data

Prof. Raphael Gottardo from CHUV presented how immunotherapy responses can be characterised using high-dimensional single-cell analysis

In another keynote, Prof. Manfred Claassen from the University Hospital Tübingen highlighted recent supervised learning techniques his group developed to identify cell population structures, transitions and spatial arrangement from single-cell sequencing data.

Prof. Robert Gatenby from the Moffit Cancer Center in Florida, showed in his keynote the importance of including evolutionary dynamics approached to control or cure metastatic cancers.

Prof Franzisca Michor from the Dana-Faber Cancer Institute at Harvard presented recent results of her group on understanding the evolutionary processes that are driving cancer growth in glioblastoma brain cancers.