

Data Management for Digital Health: Guest Lecturer on Medical Use Case: Oncology

Tue Dec 05, 2023 at 11:00 am in room L-1.06 on
HPI Campus II, August-Bebel-Str. 88, 14482 Potsdam

Clinical Interpretation of Molecular Data for Personalized Cancer Therapy: From Best Guesses to Databases to AI?

Dr. Damian Rieke – Charité: University Medicine Berlin

Abstract: Personalized medicine is standard-of-care for an increasing number of patients in oncology. This is facilitated by the integration of broad molecular profiling. Sequencing techniques and bioinformatical workflows to identify molecular alterations are widely standardized. Yet, the clinical interpretation of molecular findings remains a challenge, especially outside of well-defined clinical situations. This talk will focus on current standards and challenges for an evidence-based interpretation of molecular findings in precision oncology.



Short Bio: Dr. Damian Rieke is a clinician scientist at the Department for Hematology, Oncology and Cancer Immunology, Charité Campus Benjamin Franklin (CBF) and the Charité Comprehensive Cancer Center (4C). As speaker of the platform for personalized cancer therapy and the translational precision oncology research group, his main areas of interest include the development of personalized treatment strategies for patients with cancer and harnessing clinical and molecular data to study tumor biology.