

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

Jan 05, 2021 at 11:00 am

Big Blue Button online lecture, dial-in instruction can be found at the lecture website.

Personalized Oncology: Examples for Discussions in a Molecular Tumor Board. Prof. Dr. Reinhold Schäfer, Charité – Universitätsmedizin Berlin

Abstract: An increasing number of tumor patients are being discussed in molecular tumor boards. In such a molecular tumor board, an interdisciplinary group of oncologists and molecular biologists tries to identify and recommend personalized therapies that are based on previous molecular profiling. The molecular information is inferred from different academic or commercial sequencing platforms that provide mutational patterns and often also transcriptome alterations. Our current knowledge on the biological and clinical consequences of cancer mutations as well as patient outcomes is often limited. In this talk, selected examples of tumor profiles will be presented, which will be used to discuss current challenges and obstacles.



Short Bio: Reinhold Schäfer is Deputy Director (Translational Research) at the Charité Comprehensive Cancer Center, Berlin. Fellow at the German Cancer Research Center (DKFZ) Heidelberg, Scientist and advisor within the German Cancer Consortium (DKTK). Formerly, he headed the Laboratory of Molecular Tumor Pathology, Institute of Pathology (Charité), was Program director of the International Master's Program (Charité) and site Co-ordinator in the German Cancer Consortium. He was honored by the Stifterverband für die deutsche Wissenschaft and received the Swiss Cancer Award (Robert-Wenner-Preis) by the Swiss Cancer Society.