

Introduction to the Galaxy platform for reproducible and transparent data analysis, with a demonstration of how it is used to analyse proteomics data from the Freiburg Molecular Tumor Board.

Thursday 3 July 2025 13:00 (2 hours)

This session introduces the Galaxy platform as a user-friendly solution for data storage, analysis, sharing, and workflow management, enabling reproducible and transparent biomedical data analyses. A hands-on component will provide participants with practical experience using Galaxy on a simple dataset. An exemplary clinical use case will demonstrate how proteomics data from molecular tumor board patients can be analyzed within Galaxy, with the resulting reports included as part of the information used in molecular tumor board decision-making.