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STEPUPiRS

Online cBioPortal workshop for users and data loaders

Wed 4 Jun 2025 09:55 – 15:00 (GMT+2)

cBioPortal is an open-source web platform for exploring multidimensional cancer genomics data, including DNA sequencing, gene expression, and clinical data. Widely used by researchers and major projects like TCGA, ICGC, and AACR GENIE, it supports custom queries, survival analysis, and report generation. In this workshop, users will explore public study data and key features of the platform. Data loaders will learn about supported file formats and gain hands-on experience importing test data into a local cBioPortal instance.

Agenda

- 9:55–10:00 Participants log in
- 10:00–11:00 Introduction: cBioPortal as a Data Integration Platform
- 11:00–12:30 Data formats
- 12:30–13:00 Lunch break
- 13:00–15:00 Data loading

Lecturers

Dr. ir. Mariska Bierkens is an Associate Staff Scientist and a coordinating data steward within the Translational Gastrointestinal Oncology group at the Netherlands Cancer Institute (NKI), Amsterdam, the Netherlands. She has a background in translational research and is now involved in the Dutch Health Research Infrastructure (Health-RI) initiative, which aims to facilitate researchers in performing research in both a Findable, Accessible, Interoperable & Reusable (FAIR) and an Ethical, Legal & Social Implications (ELSI) compliant manner. Currently she is involved in multiple local and (inter)national efforts related to project data management, with a strong focus on using existing solutions.

Dr. Adria Closa Mosquera and Iris Huitink are bioinformaticians within the Translational Gastrointestinal Oncology group at the Netherlands Cancer Institute (NKI), Amsterdam, the Netherlands. They have years of experience with FAIR data management in multicentre research projects. In daily practice, they deal with different data modalities captured across different systems, and work towards integrating such data in an as-automated manner as possible. They are cBioPortal operators for NKI and Health-RI and aid researchers with getting their data in cBioPortal.

Iris Huitink is a bioinformatician within the Translational Gastrointestinal Oncology group at the Netherlands Cancer Institute (NKI), Amsterdam, the Netherlands. She has experience in FAIR data management in multi-centre research projects. In daily practice, she deals with data captured across different systems, and works towards integrating such data in an as-automated manner as possible. She's a cBioPortal operator for NKI and Health-RI and aids researchers with getting their data in cBioPortal.

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