

# Lifeportal

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Lifeportal(lifeportal.uio.no/) is a web-based interface developed for researchers who do not have advanced computer science expertise but need to perform resource-consuming computational analyses. Lifeportal promotes open science by enabling the users to share and reuse the results of these analyses, workflows and data among their collaborators or entire workgroups within one single platform.

Lifeportal is built on the galaxy platform (galaxyproject.org) and it is customized to fit the needs of the researchers and students. The unique features of the Lifeportal are :

- HPC backend
- Open ID Connect
- Project and user management module We will show perform an analysis involving different software using the Abel HPC cluster and display results using only a web-browser. Then we will show how these data and analysis pipeline could be shared freely with other Lifeportal users, making the science reproducible and methods reusable.

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