BioHackathon Europe 2025

3-7 Nov 2025 Berlin, Germany
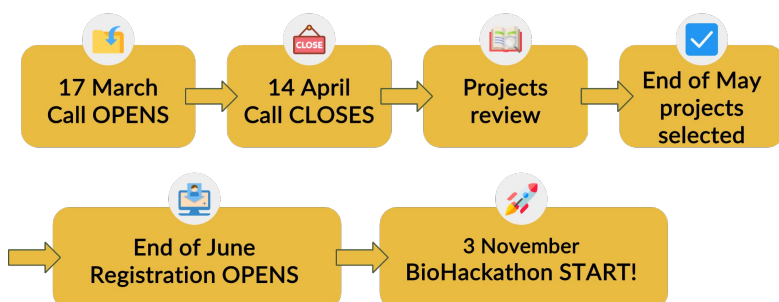
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More Information

Bringing together life scientists to work collaboratively on bioinformatic projects

Call for projects: 17 March - 14 April

Projects submitted can be at any stage of development, from blue-sky ideas to more mature projects, and cover the following points:

1. **Scope** and **Vision** of your project
2. **Alignment** with **ELIXIR efforts** and beyond
3. **Feasibility** of your proposal

17 March Call OPENS → 14 April Call CLOSES → Projects review → End of May projects selected

End of June Registration OPENS → 3 November BioHackathon START!

Registration opens: Early June

- FREE registration
- Accommodation cost for single room; covering accommodation and including 3 meals

In 2024...

32 projects

330 hackers
(bioinformaticians, data analysts, FAIR experts,...)

Past 3 years...

BioHackrXiv Over **45** preprints

Title: Boolean Knowledge Graphs to Federate Population-Level Genomic, Imaging and Phenotypic Data

DNAnexus®

"Not only did my team build something of obvious need for the healthcare space, but we also started planning the next steps aligning clinical diagnostics to pharmaceutical research."

- Ben Busby (DNANexus)

Title: Federated Learning and Machine Learning to power integrated diagnostics of breast cancer

"A major success, it was the first time in the history of the BioHackathon that there was a project around federated learning, a new machine learning technique to train machine learning models with multiple data providers in a privacy-preserving way, and there was a lot of interest and curiosity around it."

⊗ OWKIN

- Charlotte Fraboulet (Owkin)

2022 BioHackathon project examples

Project 1: Alignment of food and nutrition study data

Project 11: Enhancement and Reusage of Biomedical Knowledge Graph Subsets

For questions: biohackathon-europe@elixir-europe.org