

## Bioinformatics Capacity Building - Human Genomics

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Project Promoter: Romanian Society of Bioinformatics  
Project Partners: ELIXIR Norway, Romanian Bioinformatics Cluster

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The project contributes to the development of a national bioinformatics capacity with European interoperability. Human genomics focus. The federation of biological data and bioinformatics training are key factors for advancing research, and for developing an equal access to efficient personalized medicine and medical research across Europe. The Romanian Bioinformatics Cluster, a consortium led by the Romanian Society of Bioinformatics, is working towards the development of the national bioinformatics infrastructure.

This project aims to facilitate the development of this data, training and methods infrastructure.

- **Human data:** to help transfer to Romanian scientists the experience acquired by the ELIXIR Norway node in the development of the Norwegian Federated European Genome Archive (NFEGA);
- **Training:** to support Romanian and Norwegian scientists to participate in workshops and conferences of common interest. This aims to contribute to a more homogeneous development of human genomics in our countries and Europe;
- **Methods:** to support the development of a nation - wide capacity for bioinformatics analysis and in particular to support the national instance of the bioinformatics platform Galaxy.

In the first year, the BCBCHG team succeeded to organize three meetings that clarified the implications of human genomics federation, deployed a prototype instance of the Galaxy platform (<https://server.galaxy.uvt.ro>) advanced discussions on the integration within the European infrastructure ELIXIR, organized several online training events and a public awareness campaign.