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Function: ELIXIR Officer of RNA Bioinformatics Services
Topic: Galaxy Europe



Activities in ELIXIR

Platforms

- ELIXIR Tools Platform

Communities

- Galaxy:
- **Coordination of the community**
- Organisation and promotion of community events
- Content creation: Community website update, creation of branding material
- Allocation of computational resources for trainers worldwide through TIIaaS
- Grant writing: ELIXIR IS, Euro Science Gateway, EOSC-Life training open call
- Mentoring: Open Life Science program, The Outreachy program (improve our onboarding process of new Galaxy communities)

Focus groups

- Biodiversity

Publications

- **Serrano-Solano, B.** et al. Open data, software and analytics as a response to emerging pathogen threats. de.NBI COVID-19 brochure 2021.
- Bray S. et al. Virtual screening for SARS-CoV-2 drug development using open research and compute infrastructures. de.NBI COVID-19 brochure 2021.
- Gallardo-Alba C. et al. A constructivist-based proposal for bioinformatics teaching practices during lockdown. PLoS com. bio. 2021
- **Serrano-Solano, B.** et al. Fostering accessible online education using Galaxy as an e-learning platform. PLoS com. bio. 2021.
- Goble C. et al. Implementing FAIR digital objects in the EOSC-Life Workflow Collaboratory. Zenodo.2021



Current Tasks

Platform Tasks

- Attendance to the Tools Platform meetings to get information relevant for the Galaxy community and to announced events of interest

Implementation Studies

- Galaxy IS on Data Management
- **WP3 Co-Lead** (outreach and community engagement)
- SIS containers
- WP1 (user community engagement and adoption)

Participation in ELIXIR Service Provision

- European Galaxy Server

Participation in EU Projects

- EOSC-Life:
Task lead in WP2 (Tools Collaboratory)
- Member of the EOSC-Life working group on technical training needs of the EOSC community
- Coordination of scientific collaboration agreements between EOSC-Life and EOSC-Nordic; and between EOSC-Life and EOSC-Pillar

Collaboration with others

- DataPLANT (NFDI4plants)
- ELIXIR-CONVERGE: collaboration with the RDMkit to include Galaxy as a tool assembly