

Developer positions

Softwares and Galaxy workflows for Biotechnology

Location	Paris area, Jouy-en-Josas, INRAE centre
Institute	INRAE, MICALIS UMR 1319
Contacts	joan.herisson[at]univ-evry.fr and thomas.duigou[at]inrae.fr
Duration	12 months (renewable once)
Expected start	April 1st, 2021

Missions

We are seeking candidates to work on softwares, Galaxy nodes and workflow developments for biotechnology. The recruited persons will (1) benchmark tools we have already installed on the Galaxy-SynBioCAD.org portal and (2) develop new tools and workflows to design solutions to synthesize molecules in microorganisms and to implement these solutions on robotized workstations. Additional developments may be planned depending on the recruited candidate skills.

The successful candidates will take part in research projects funded by the French funding research agency (ANR) and the EU (H2020) at the MICALIS Institute. MICALIS (INRAE & AgroParisTech, Jouy-en-Josas) is a research unit of more than 350 researchers developing multidisciplinary approaches and promoting microbial systems biology towards the development of synthetic biology applications for health and biotechnology. Within MICALIS, the recruiting research team (www.jfaulon.com) specializes in developing computed aided design tools for biotechnology.

The persons recruited will closely collaborate with two research engineers in IT and bioinformatics, and interact with wet laboratory research scientists.

Profile

- Applicants should have validated a master or engineering degree in computer science, bioinformatics, or computational chemistry.
- Strong programming skills, mastering testing and the git versioning system as well as good knowledge of Unix environments are required.
- Good communication in English and strong collaborative skills are expected.
- Prior knowledge on working within a Galaxy environment is desirable.

Positions are open for 12 months (then renewable for an additional year). The appointees will be hired through fixed-term contracts in accordance with the French legislation. Salary will be commensurate with qualifications and experience.

To apply, applicants should send a curriculum vitae, a motivation letter and contact details of two references to joan.herisson[at]univ-evry.fr and thomas.duigou[at]inrae.fr. Applications are open until March 1st, 2021. Start date: April 1st, 2021.

For more information and references: <https://www.jfaulon.com/galaxy-synbiocad-portal>.