



Dear iPOP-UP Members,

iPOP-UP is starting its more direct help branch in the form of bioinformatics guidance and privileged access to the iPOP-UP cluster. We are looking for one or two projects in which we will provide an advanced level of bioinformatic guidance, which will be catered to the needs of the projects, and can encompass things such as proposition or refinement of the bioinformatic analyses plan, ensuring good communication between wet and dry sides of each project, help in hiring decisions, find pre-existing tools and methods, identify problems within the strategy and find solutions to them.

These project will also benefits iPOP-UP, in allowing us to:

- Implement standardized pipelines and tools that will be shared with the iPOP-UP community
- Test said pipelines and tools in a research environment, which will allow us to aim at the correct blend of adaptability and ease of use.
- Further define our “user charter”, especially for the cluster usage. It will also allow us to improve our « access the cluster » formation.

Of course, the scientific results of this collaboration will be yours. The degree of involvement of iPOP-UP and its eventual participation in the final publication(s) will be discussed before and during the course of the project (acknowledgements, authorship...).

How to answer:

If you have a project necessitating bioinformatics help or overview, please send us a description of the project with:

- The biological context in which the project is anchored, and which question or need it is aiming to answer.
- The experimental design (organism, type and number of samples, conditions...).
- Your best estimations about the data you will generate, including initial volume, and a description of the final files that should be kept and shared, as well as which solution you are planning to use for long-term storage of the data.
- References to articles or workflows of the bioinformatics analyzes, if those exist.

- The projected timeline of the project.
- The name of the person or persons in your team that will work on the bioinformatic side of the project, and how they will work on the project (writing scripts, running analysis, project management etc.). If you plan to hire someone for this, please mention it and give the information you have.

Send all of these informations to Alix Silvert ([alix.silvert@u-paris.fr](mailto:alix.silvert@u-paris.fr)). Fell free to contact them if you have further questions about this application.

Although we aim to select a variety of projects, those that align the best within the goals of iPOP-UP of benefiting the community, for example by leading to the creation and sharing of a useful tool, or by creating collaborations among teams that rarely work together, will be considered with utmost attention.

We aim at starting to work on the selected projects in November 2021, thus we are awaiting your answers by September the 20th 2021.

In the case your project would not be selected, it is also possible that we use it as a subject for upcoming iPOP-UP Hackatons! We will keep you posted if we think your projects might benefit from large input from the community.

We are awaiting your propositions with impatience, and are at your disposal for any questions you may have.

The iPOP-UP Team