



INSTITUT PASTEUR – INCEPTION ANNUAL CALL FOR NEW JUNIOR GROUP LEADERS

The Institut Pasteur is hiring young group leaders to lead interdisciplinary research projects, in the framework of Inception program (INstitut Convergence studying Emergence of Pathologies Through Individuals and populatiONs).

THE INSTITUT PASTEUR

Institut Pasteur is a non-profit private foundation dedicated to fundamental, interdisciplinary research and to the translation of this knowledge to medicine and public health. Topics of interest include microbiology and infectious diseases, immunology, cell biology, developmental biology and stem cells, neuroscience, genomics, structural biology, genetics and cancer.

THE C3BI

In 2014, a new Center to foster research in bioinformatics, biostatistics and integrative biology (called the C3BI) was set up. Substantial resources were allocated for the creation and development of the C3BI, with the recruitment of 40 permanent research engineers in bioinformatics and biostatistics and several novel research units. A dedicated building is being renovated on the Paris campus to house the C3BI. The aim is to facilitate collaborations in bioinformatics and biostatistics, to support and develop training in these fields, to encourage interactions between all the Institut Pasteur teams, and to stimulate the development of new computational and statistical approaches for biological data analysis and modeling.

A FRENCH LONG-TERM PUBLIC FUND TO STRENGTHEN INTEGRATIVE BIOLOGY

The Institut Pasteur has been recently awarded a grant in the framework of the “Instituts Convergences” call (“Investments for the Future” French program PIA2) to strengthen integrative biology, bioinformatics and biostatistics. The new program is entitled Inception and aims to develop a core structure mobilizing data resources, numerical sciences, and fundamental experimental biology, in a range of health issues.

INCEPTION G5 CALL FOR INTERDISCIPLINARY PROJECTS

Today, the C3BI center is at the core of Inception program, which includes grants for the launch of several 5-years junior groups (called G5). No specific topic is excluded and interdisciplinary projects are very much welcome. Inception program would particularly welcome projects addressing health issues and in the following fields:

- Phylodynamics
- Sequence analysis
- Metagenomics
- Systems biology
- Deep learning
- Precision medicine
- Databases



Institut Pasteur



Image: National Science Foundation

The main focus is on computational and statistical analysis of biological “big data”, typically produced by New Generation Sequencing (NGS) and -omics technologies, but all modeling and computational approaches addressing biological questions closely related to the Inception’s areas are eligible.

DESIRED QUALIFICATIONS

Successful candidates will possess the following qualifications:

- Recognized achievements in bioinformatics/ biostatistics,
- Broad experience in methodological development and analysis of various types of data,
- Relevant publication record of cutting edge research as senior/first author,
- Demonstrated ability to collaborate with experimental and computational biologists.



APPLICATION PROCESS

• Applicants will be selected in the framework of the annual Institut Pasteur call to recruit junior (G5) candidates. Further information can be found at:

http://newsletter.pasteur.fr/sites/default/files/aap4_call_-_def.pdf

• Applications should be submitted online at: <https://aap4.voozanoo.net/register>

• The template should be filled and uploaded as a single PDF file, entitled “applicant’s name_INCEPTION.pdf”.

• Informal inquiries related to Inception can be addressed to InceptionCall@pasteur.fr

TIMELINE

The deadline for submission of the applications is **December 2, 2016**, by 5:00 pm CET.

Shortlisted applicants will be notified by mid-January 2017, and will be invited for an interview to take place mid-February 2017. The final ranking will be established by the Pasteur Scientific Council during its March 2017 session.