**Creation of new junior research groups at Institut Pasteur**

## Institut Pasteur - INCEPTION Annual Call for New Junior Group Leaders

[**Institut Pasteur**](https://www.pasteur.fr/en) **has launched an international call for junior candidates wishing to establish new independent research groups in the cutting edge interdisciplinary environment of its campus in Paris, France. This year the call will be focused on the topics associated with the INstitut Convergence entitled “Emergence of Pathologies Through Individuals and populatiONs” (**[**INCEPTION program**](https://research.pasteur.fr/en/program_project/inception/)**).**

Institut Pasteur is a non-profit private foundation dedicated to fundamental, interdisciplinary research and to the translation of 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. **In 2014, a new center (**[**the C3BI**](https://research.pasteur.fr/en/center/c3bi/)**), fostering research in Bioinformatics, Biostatistics and Integrative Biology was established**. 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 new 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 Institut Pasteur research teams, and to stimulate the development of new computational and statistical approaches for biological data analysis and modeling.

Institut Pasteur was recently awarded a grant within the framework of the French National Agency for Research “Instituts Convergences” call ("Investing in the Future" French program PIA2) to strengthen Integrative Biology, Bioinformatics and Biostatistics. Today, the C3BI center is at the core of the new [INCEPTION program](https://research.pasteur.fr/en/program_project/inception/), which includes grants for the launch of several 5-year junior groups (called G5).

The INCEPTION program would particularly welcome projects in the following fields:

* Sequence analysis
* Machine learning
* Data management and analysis
* Systems biology
* Phylodynamics
* Metagenomics
* Precision medicine

The primary focus of the call is on **computational and statistical analysis of biological “big data”**, typically produced by New Generation Sequencing (NGS) and -omics technologies. Nevertheless, **all modeling and computational approaches addressing biological questions closely related to the INCEPTION program areas are eligible**.

Successful candidates will possess the following qualifications:

• Significant achievements in bioinformatics/biostatistics/biomathematics,

• Broad experience in methodological development and data analysis,

• Relevant publication record of cutting-edge research as senior/first author,

• Demonstrated ability to collaborate with experimental and computational biologists.

The successful junior candidate\* will be appointed with a permanent position, heading a group of six persons at the Institut Pasteur of Paris. This group will be created for a period of five years. Thereafter, the group may compete for full research group status.

A highly attractive package matching the experience of the successful candidate will be provided, including salaries (principal investigator, permanent bioinformatician/biostatistician, post-doctoral fellowships), a substantial contribution to equipment and computing facilities and annual running costs.Support for relocation expenses will also be provided.

Applications must be submitted online at: <https://c3bi.pasteur.fr/inceptioncallg5/> and should include:

1. A web form summarizing the application.
2. A **complete application file uploaded as a single PDF file** comprising:
   1. An introductory letter of motivation (1-2 pages), including the name of the proposed group.
   2. A Curriculum Vitae and a full publication list.
   3. A description of past and present research activities (**up to** **6 pages with 1.5 spacing, Times 11 font size**).
   4. The proposed research project (**up to 6 pages with 1.5 spacing, Times 11 font size**) highlighting how it would fit into the defined themes of the Inception program, and how it would respond to interdisciplinary challenges of that program.
   5. The names of 3 scientists from whom letters of recommendation can be sought, together with the names of scientists with a potential conflict of interest from whom evaluations should not be requested.

The deadline for application submission is **January 14, 2018**, 12:00 pm CET.

Shortlisted applicants will be notified by the **end of March 2018** and will be invited for interviews to take place in **May 2018 (please set aside 2-4 May)**. The final ranking will be established by the Pasteur Scientific Council during its **June 2018 session** (please set aside **5-6 June, when applicants will be interviewed**).

Informal inquiries related to the INCEPTION program should be addressed to [Inception-CallG5@pasteur.fr](mailto:Inception-CallG5@pasteur.fr)

*\** Institut Pasteur is an equal opportunity employer. Junior group leaders are eligible to apply within eight years of receiving their PhD at the time of submission. Women are eligible to apply as junior group leaders up to 10 years after receiving their PhD if they have one child and up to 12 years after their PhD if they have two or more children.