



école
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paris—saclay

université
PARIS-SACLAY

ENS Paris-Saclay and CNRS are recruiting a new team in biology

The Ecole Normale Supérieure Paris-Saclay and the CNRS are recruiting for 2023 a young scientist to develop a research team and a project in biology or at the interface with chemistry and/or physics. Located since 2020 at the heart of the University of Paris-Saclay, the team will benefit from an exceptional site for technology, innovation and research at ENS Paris-Saclay; the recruited researchers will be encouraged and supported to develop academic and industrial partnerships.

This recruitment aims to support the development of research in biology as close as possible to the training of normaliens.ne.s. Among the 340 students recruited each year, approximately 30 study biology, 80% of them going on to complete a thesis. The teaching-research synergy is combined, within the perimeter of the building, with the proximity of the various disciplines, thus favoring interdisciplinarity, particularly with chemists and physicists.

The new ENS Paris-Saclay building offers very high-level infrastructures and equipment for research and teaching in biology. Several biosafety level 2 laboratories and one biosafety level 3 laboratory with a surface area of 100 m² allow for the development of research involving pathogenic organisms.

Two types of applications will be considered: those of statutory staff, for example in a national research organization, who would like to benefit from the exceptional environment of the ENS Paris-Saclay to develop their research, and those of young non-statutory researchers. Successful candidates will be encouraged to apply for the ATIP-Avenir program.

The selected candidate will join the Laboratory of Applied Biology and Pharmacology (LBPA), a joint research unit of the École Normale Supérieure Paris-Saclay and the CNRS (UMR 8113). The research unit brings together molecular and cellular biologists, biophysicists and structuralists. These researchers, teacher-researchers and technical staff work on topics related to infectiology (viruses and pathogenic bacteria), dynamics of nucleic acids and nucleoprotein complexes, using experimental approaches and molecular modeling, with biotechnological developments (biosensors, diagnosis ...). This research relies on confined laboratories, quantitative PCR and NMR, as well as first-rate equipment linked to strong methodological expertise such as biophotonics (multiphoton and time-resolved optical imaging). Located near the Soleil synchrotron, the laboratory also has access to very high level equipment for X-ray crystallography or cryo-electron microscopy.

Applications (detailed CV, letter of motivation and research project) should be sent to biologie@ens-paris-saclay.fr and lbpa@ens-paris-saclay.fr before April 17th 2023 and will be evaluated by an independent scientific committee appointed by CNRS and ENS Paris-Saclay.