

Research Technician Position Available: Protein Scientist

Protein Scientist, Biochemist, Crystallography

Job Description

A technician position is available in the group Structural Biology of Novel Drug Targets in Human Diseases (Andrés Palencia, <https://noveltargets-palencia.com>), at the Institute for Advanced Biosciences (Grenoble) to work on the expression, purification of protein RNA complexes and co-crystallization with inhibitors in the area of infectious diseases.

In addition to structural biology and biophysical techniques, our laboratory also uses a wide range of approaches, from biochemistry and genetics to in vivo animal studies (in collaboration). We seek an outstanding candidate with training in molecular biology, protein biochemistry, with an interest in structural biology to support the study of novel protein drug targets.

The successful candidate will use the in-house IAB facilities and other structural biology facilities of the Partnership for Structural Biology in Grenoble (EMBL-IBS-ESRF-ILL, <http://www.psb-grenoble.eu>), and will have the opportunity to collaborate with industrial partners.

Applicants should possess experience in molecular biology and protein expression/purification by using bacterial, insect cell, or mammalian systems. Experience in RNA production, assembly and purification of protein-RNA complexes and crystallization would be an advantage. Motivation to work in a multidisciplinary and international environment is fundamental.

The candidate will work in the heart of the French Alps (Grenoble) at the Institute for Advanced Biosciences (IAB), where creativity and excellence are fundamental to advance biomedical research and science education. The IAB is a research center of the University of Grenoble-Alpes, the French National Institute of Health and Medical Research (INSERM), and the French National Center for Scientific Research (CNRS). Grenoble provides access to state-of-the-art structural biology technologies available at the ESRF, EMBL, IBS and ILL. This includes new EM facilities equipped with Titan Krios, and Glacios/Falcon III. Other facilities include the ESRF synchrotron X-ray beamlines, high-field NMR at the IBS as well as the high-throughput crystallization platform at the EMBL, mammalian and insect cell facilities, and the biophysical platform. The lab has regular access to other synchrotrons: DLS, SOLEIL, and SLS.

Applicant should provide a motivation letter, a CV along with the contact information for two or more referees.

For additional information please visit:

Palencia's Group Website: <https://noveltargets-palencia.com>

Institute: <https://iab.univ-grenoble-alpes.fr/?language=en>

Publications: <https://www.ncbi.nlm.nih.gov/pubmed/?term=Palencia+Andres>

Job Location: Grenoble, France

Position Type: Full-Time/Regular

Contract Duration : Starting contract of 12 months (renewable)

Starting Date : Immediately

Contact: andres.palencia@univ-grenoble-alpes.fr