



The Institute for Research in Biomedicine invites applications for the following positions

Group leader in chronic inflammation and bone disease

The Institute for Research in Biomedicine (IRB) is seeking to recruit a highly motivated group leader to develop a competitive program on chronic inflammation and bone disease. The candidate has a MD or PhD degree and is a dynamic and qualified scientist with international research experience and a strong track record in the field. The candidate has leadership skills and ideally has led research projects and shown the ability to obtain funding. The IRB will provide a competitive start-up package.

The IRB is a private non-profit institution located in Bellinzona, Switzerland. The focus of IRB research is on human immunology, infectious, inflammatory and degenerative diseases. The Institute currently hosts 8 independent research groups and offers a lively scientific environment with state-of-the-art core facilities for cell sorting, imaging and experimental animal work. The IRB is affiliated with the Università della Svizzera Italiana (USI), is a member of the Swiss Vaccine Research Institute (SVRI) and of the Institute for Arthritis Research (IAR).

Applicants should submit: a cover letter detailing the candidate motivation, a CV, a research plan and contact details of three Referees.

Postdoctoral Fellow / Staff scientist in bioinformatics applied to immunology

The Institute for Research in Biomedicine (IRB) is seeking a highly motivated scientist with experience in bioinformatics, computational genomics and data mining in the field of immunology. In addition to conducting specific research projects, the candidate is expected to interact with IRB scientists to help with analysis and interpretation of experimental results. The successful candidate will be able to exploit the opportunity of combining the computational approach with high quality experimental data generated by the IRB researchers. Excellent interpersonal and communication skills are required.

Applicants should hold a PhD or equivalent degree in a relevant field. Knowledge of biology and experimental techniques is desirable. The candidate should possess a track record of international quality research in Bioinformatics or Computational Genomics applied to concrete biological problems. Computer facilities and expertise are shared with the nearby Institute of Informatics of the Università della Svizzera Italiana (USI) and the Swiss National Supercomputing Centre (CSCS).

Applicants should submit: a cover letter detailing the candidate motivation, a CV, a research plan and contact details of three Referees.

Research assistant in microscopy and high content image analysis

The Institute for Research in Biomedicine is seeking a highly experienced research assistant in microscopy and high content image analysis. The successful candidate should ideally hold a Bachelor or Master degree in Life Science, preferably in the area of immunology and have at least 3 years of laboratory research experience in advanced cell imaging techniques. He/she should be able to work independently and should demonstrate flexibility and ability to collaborate. Excellent speaking and writing of English is mandatory. The candidate will join a dynamic international team and will benefit of a state-of-the-art research facility. Tasks and responsibilities include: i) microscopy and high content image analysis; ii) propose and execute experiments to support current research programs; iii) help for the maintenance and upgrade of equipment and supplies.

Applicants should submit: a cover letter detailing the candidate motivation, a CV and contact details of three Referees.

Postdoctoral Fellow / Staff scientist in protein expression and purification

The Institute for Research in Biomedicine is seeking a highly experienced scientist to help develop a facility for recombinant protein production and characterization. The successful candidate should hold a PhD and have at least 3 years of laboratory research experience in the specific field. He/She should have direct experience in mammalian or insect cells expression systems and should be able to work independently. Excellent speaking and writing of English is mandatory. The candidate will join a dynamic international team and will benefit of a state-of-the-art research facility. The work will include: DNA manipulation, protein expression and purification from bacterial and mammalian systems, RNA synthesis and purification, biophysical and biochemical characterization of proteins and their complexes. Particular emphasis is reserved to the production and characterization of human monoclonal antibodies.

Applicants should submit: A cover letter detailing the candidate motivation, a CV and contact details of three Referees.

Applications should be sent to miriam.miladic@irb.unisi.ch before **March 1, 2011**.

More information at: www.irb.ch