



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

SystemsX, the Swiss initiative in Systems Biology, has recently given its support to LipidX, a consortium focused on a better understanding of lipids and their function (LipidX, <http://www.systemsx.ch/index.php?id=154>). The hosting institute of the project is the School of Life Sciences at EPFL (Ecole Polytechnique Fédérale de Lausanne, Switzerland, <http://sv.epfl.ch/>), a rapidly growing academic entity that is progressively establishing itself on the international scene as a major center in Life Sciences Research.

LipidX has an immediate opening for a

Scientific Collaborator (full time) Lipidomics and RNAi screening Data Management

Desirable experience: Bio-medical informatics with strong background in relational database design and object oriented programming.

Position: The successful candidate will be a key member of LipidX and will also be integrated in to the EPFL Bioinformatics and Biostatistics Core Facility. He/she will:

- Implement data analysis algorithms in collaboration with research LipidsX groups, the EPFL Bioinformatics and Biostatistics Core Facility, the Swiss Institute of Bioinformatics, and the SystemsX.ch Center for Information Sciences and Databases
- Design, implement and maintain data management solutions adapted to the newest technologies in lipidomics and RNAi screening
- Develop user interfaces for the management, processing and visualization of lipidomics and RNAi screening data
- Execute routine system administration tasks

Experience/Qualifications:

- Master or engineering degree in computer science or equivalent experience
- Good knowledge of UNIX, relational databases (SQL) and web interface design (PHP or similar)
- Programming in C/C++ and/or in Java
- Previous experience with managing bio-medical, heterogeneous data

Motivated and broadly interested individuals willing to operate in a multidisciplinary environment on challenging scientific projects, eager to embrace new technologies and able to work in a service oriented context are welcome to apply. While French is the local language, fluency in reading and speaking English is a necessity in the EPFL and LipidX multicultural environment.

The suitable candidate will be initially hired with a salary commensurate with qualifications and experience. EPFL is an equal opportunity employer.

Please send a full CV, a statement of interest and relevant references from previous positions (if applicable) by mail or e-mail to:

Gisou van der Goot
Global Health Institute
Life Science Faculty
Station 15
CH-1015 Lausanne
Switzerland

Starting date: **as early as possible**; the position will be advertised until filled.

For further information, please contact the LipidX coordinator Gisou van der Goot, by e-mail: gisou.vandergoot@epfl.ch.