UNIL is a leading international teaching and research institution, with over 5,000 employees and 15,500 students split between its Dorigny campus, CHUV and Epalinges. As an employer, UNIL encourages excellence, individual recognition and responsibility.

The Faculty of Biology and Medicine (FBM) of the University of Lausanne is inviting applications for the position of:

**Tenure Track Assistant Professor towards Associate Professor in the field of neurodevelopment and disorders of the nervous system**

**Starting date:** first trimester 2024, or to be agreed  
**Place:** Switzerland, Lausanne

The Department of Fundamental Neurosciences (DNF) seeks to strengthen its research program in the field of nervous system development, connectivity, function, or disease, using model systems spanning from invertebrates to mammals and human brain organoids derived from induced pluripotent stem cells. The DNF provides an outstanding research endeavor encompassing multiple fields of neuroscience, and an academic environment that are fruitful for the career opportunities of talented scientists conducting cutting-edge, curiosity-driven, fundamental, and preclinical research. Generous core funding supports the new recruit with her/his ambitious research program, which is expected to be further consolidated with the obtention of external funds.

**Main missions:**

**A. Research**
- Carry out internationally competitive, independent, and innovative research in fundamental and/or translational fields of neuroscience, financed by intra- and extramural funding, and publishable in peer-reviewed journals.
- Lead a research group in the field of neuroscience topics including brain development, neural circuit assembly, and disorders of the nervous system, coordinate it, and expand its interactions with other DNF groups, in a spirit of collaboration, in compliance with legal and ethical provisions.
- Participate in the scientific and academic life of the Department and the Faculty, foster exchanges across the local communities of fundamental, clinical, and psychiatric neurosciences.
- Promote translational neuroscience, and collaborations at the regional, national, and international levels, by participating in or organizing local scientific activities, international conferences as well as international scientific networks.

**B. Teaching**
- Participate in teaching activities at the undergraduate and graduate levels at the FBM Schools of Biology and Medicine.
- Organize and actively participate in internal and external seminars and symposia.

**Desired profile**
- PhD in Sciences with specialization in neurosciences, neurobiology, nervous system development, metabolism, function, or disease.
- Emerging leader in the field of nervous system development with an excellent track record.
- Documented skills in "omics" approaches (transcriptomics, proteomics, metabolomics, lipidomics, etc.) and their analysis using the fly and/or rodents as model systems.
- Marked interest in digital and numerical transformation of the society.

The successful candidates will integrate and work in a dynamic research environment and will be supported by a generous startup package as well as a yearly endowment for research costs.

Further information may be obtained from Prof. Jean-Yves Chatton (Jean-Yves.Chatton@unil.ch), Head of the DNF.

Applications, in English, should include i) a motivation letter, ii) a curriculum vitae, iii) a list of publications, with a summary of the five most significant ones in the applicant's eyes, iv) a brief statement (5 pages max.) of the past and future research, v) a summary of previous teaching experience (if applicable), vi) the names and contact information of at least three references, vii) a copy of diplomas, and viii) a copy of a valid identity document.

Full applications should be submitted online as a single PDF file to the University's website by September 20th, 2023 (23:59 GMT+1). Only applications sent through this site will be considered.

The job description is available on the University’s website.

We offer a pleasant working atmosphere in a multicultural, diverse and dynamic academic environment. There are possibilities for continuing professional education and a multitude of activities and other benefits to discover.