

PROFESSOR POSITION IN CELL OR DEVELOPMENTAL BIOLOGY

The Faculty of Science and Medicine of the University of Fribourg, Switzerland, announces the opening of a position of Full Professor in Cell or Developmental Biology (teaching domain human histology).

GENERAL CONDITIONS

The successful candidate possesses an MD or PhD and a habilitation in a relevant teaching domain (or equivalent experience). He/she should have a broad experience in research and teaching at university level. A fully documented record of teaching at University level in the areas of human histology and embryology is mandatory; additional teaching experience in the area of macroanatomy is desirable. An excellent track record in research as documented by competitive funding and publications is essential, as is substantial experience in leadership.

Seeking to promote an equitable representation of women and men, the University strongly encourages applications from women.

APPLICATION PROCEDURES

Hard copies of the following documents should be forwarded to the mailing address below:

1. a covering letter mentioning the position for which the candidate is applying (Professor of Cell or Developmental Biology)
2. a complete curriculum vitae, including a copy of the diploma of the highest degree
3. a complete list of publications (highlighting specifically the 5 most important contributions)
4. a detailed record of teaching experience
5. a record of past and present funding
6. a 1-2-page description of the research that the candidate intends to conduct in Fribourg
7. the names and addresses (postal and e-mail) of three persons who could be contacted as referees

Deadline: the applications have to reach the Dean's office before 15 December 2020.

Prof. Gregor Rainer
Dean of the Faculty of Sciences and Medicine
University of Fribourg
Rue de Rome 3
CH-1700 FRIBOURG / Switzerland

Please also send an **electronic version of the application** ("**name.pdf**") and PDF versions of the 5 most relevant publications ("**name-papers.pdf**") to the Faculty Administrator at the Dean's Office (franziska.schumacher@unifr.ch ; CC: dean-scimed@unifr.ch) and specify as **subject of the email** "PROFESSOR POSITION IN Cell or Developmental Biology".

ACADEMIC ENVIRONMENT

The Medicine Section belongs to a joint Faculty of Science and Medicine of the University of Fribourg, which facilitates cooperation between medicine and basic science disciplines such as physics, chemistry or biology and offers many possibilities for collaboration and shared use of infrastructure.

Sections and Departments

The Science Section is composed of six departments and one institute, the Medicine Section is composed of five departments and one institute (see <http://www3.unifr.ch/scimed/fr/org>).

The Medicine Section of the Faculty of Science and Medicine hosts currently 28 professors, distributed into five research departments: Endocrinology, Metabolic Science and Cardiovascular System (EMC), Medicine and community health and the Institute of Family Medicine (MPH), Medical-Surgical Specialties (MSS), Neurosciences and Movement Science (NMS), and Oncology, Microbiology and Immunology (OMI).

The section covers different teaching domains, namely Macroanatomy, Histology, Physiology, Immunology, Sport Sciences, Basic Clinical Sciences (Pathology, Microbiology and Pharmacology), Clinical Medicine (Cardiology, Neurology, Endocrinology, Psychiatry, and Family Medicine), Medical Humanities as well as expertise in Medical Education. Clinical teaching is ensured in collaboration with the HFR (hôpital fribourgeois) and the RFSM (Réseau fribourgeois de santé mentale) and the general practitioners.

Study programmes

The Medicine Section offers three-year Bachelor degree curricula: a BMed in Human Medicine, a BSc in Biomedical Sciences and a BSc in Sport Sciences and Motor Control. In addition, two 1.5-year Master degree curricula are offered: an MSc in Sport Sciences and Motor Control and a specialized MSc in Experimental Biomedical Research. Additionally, a joint Master programme in Biomedical Sciences is offered by the Universities of Fribourg and Berne. Started in September 2019, the new Master of Medicine prepares 40 medical students for the Swiss federal licencing examination (FLE) and is characterized by a strong interest in Family Medicine.

Research

Research currently conducted in the Medicine Section embraces a variety of topics, at the moment concentrated in 6 clusters: (i) cancer, immunology and microbiology; (ii) neuroscience; (iii) cardiovascular system, metabolism and endocrinology; (iv) medical humanities; (v) medical education and (vi) community and family medicine. Further research clusters are foreseen and will rely on the orientations of the futures professors.

Please find further information on present state and planned future developments in the Medicine Section in the "Strategic Plan"

http://www3.unifr.ch/scimed/de/assets/public/scimed/faculty/positions/Planstrategique-DepMed_final-jan-2014.pdf, and

in the "Scientific Report"

http://www3.unifr.ch/scimed/de/assets/public/scimed/faculty/positions/Scientific%20Report%202013-2014-web_0720.pdf.

Languages

The University of Fribourg is bilingual. Teaching to medical students at the Bachelor and Master level is in French or in German. Students are expected to understand both languages, but can take their exams in either language. Master of Science and PhD programmes are taught mainly in English. Candidates are expected to have a working knowledge of all three languages or be willing to acquire such knowledge within a few years.

INFRASTRUCTURE, POSITIONS AND FUNDING

Infrastructure

Rooms and facilities

The Professor of Cell or Developmental Biology and his research Unit will have their offices and laboratories in building PER02/03 of the University of Fribourg. The new professor will have full access to a wide range of shared equipment in PER02/03, such as BL2 tissue culture and microbiology labs, different types of centrifuges, bacterial shakers, multimode plate readers, conventional and quantitative PCR machines, state-of-the-art FPLC equipment, flow cytometry as well as multimode imaging systems for gels and immunoblots. The histology platform is fully equipped for tissue/single cells preparations and thin/ultrathin sectioning for

light and electron microscopy. In addition, the new professor will have access to imaging, flow cytometry and metabolomics/proteomics core facilities of the Science and Medical Faculty using state-of-the-art equipment. For every professorial group in PER02/PER03 there is room for up to 200 mouse cages in the rodent facility.

Computers

The University's computer service supplies all Departmental members (academic and technical staff) with state-of-the-art PCs or Macs and appropriate office, reference, statistical and graphics software. Specific research software can also be supported for research purposes, and in this case, a request to the DIT (Direction Informatics) must be made.

Positions

The new Professor of Cell or Developmental Biology will receive the following dotation:

100% postdoc, 100% PhD student, 100% lab technician

A 100% administrative assistant is shared between the four professor groups in the buildings Per02/Per03.

For informatics support, the new colleague will have access to the informatics team of Section Medicine and there is also access foreseen to the mechanical and electronics workshop, as well as to a pool of animal care personnel.

Financial support

Set-up funding

- Installation credit for research activities, according to the needs, the usual amounts of the Faculty and the resources available
- Resources for computing material will be at the new professor's disposal

Running expenses

- Participation in the annual credits (operating, equipment, informatics, library)
- Separate credits for teaching activities

CONTACT

Contact for further information:

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