

FULL PROFESSOR POSITION IN FOOD SCIENCE AND TECHNOLOGY (95-100%)

The Faculty of Science and Medicine of the University of Fribourg, Switzerland, announces the opening of a position of **Professor of Food Science and Technology**.

GENERAL CONDITIONS

The Faculty of Science and Medicine invites applications for a tenured position as a Full Professor of Food Science and Technology at the Adolphe Merkle Institute (AMI, <https://www.ami.swiss/>), a scientifically independent institute within the Faculty of Science and Medicine of the University of Fribourg. The AMI is supported by a private foundation and offers highly competitive employment conditions.

The selected candidate must have an outstanding record of successful independent research in food science and technology. A proven track record of translation and collaboration with the food industry is expected.

The appointee is expected to develop an internationally recognised research program that is supported by a significant level of external funding. Close collaborations with other groups of the AMI and other units of the University, particularly the newly formed interfaculty Food Research and Innovation Centre (FRIC), are expected, and the potential for integrating the candidate within the AMI is an important selection criterion.

The future appointee will participate actively in teaching at the graduate and post-graduate levels in the Faculty of Science and Medicine.

The University of Fribourg provides equal opportunities for women and men and aims at achieving gender balance. Applications from women are especially welcome.

The University of Fribourg is a signatory to the DORA declaration and attaches great importance to a qualitative assessment of academic performance.

APPLICATION PROCEDURE

Please apply exclusively via the official Faculty of Science and Medicine - University of Fribourg recruiting tool by clicking on the following link: <https://scimed-recruiting.unifr.ch>.

Application deadline: 25 Feb. 2024.

The following documents should be uploaded via the following weblink above:

1. A cover letter mentioning the position for which the candidate is applying (Professor of Food Science and Technology) addressed to the Dean, Prof. Ulrich Ultes-Nitsche, President of the selection committee.
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. An electronic version of the 5 most relevant publications ("name-papers.pdf").
5. A detailed record of teaching experiences.
6. A record of past and present funding.
7. A 5-6-page description of the research the candidate intends to conduct in Fribourg.
8. The names and addresses (postal and e-mail) of three persons who could be contacted as referees.

ACADEMIC ENVIRONMENT

Faculty, Sections and Departments

The Faculty of Science and Medicine is organised into a Science Section, the AMI is part of, and a Medicine Section (see <https://www.unifr.ch/scimed/en/units/>).

Presently, the AMI hosts four groups led by tenured professors and two junior groups led by non-tenure track assistant professors who pursue independent research activities. The AMI is presided by a director. Major decisions are taken by the AMI executive board, which includes all professors.

Research focus

The AMI is an interdisciplinary institute focusing on fundamental and application-oriented research in soft nanomaterials. The research foci of the four chairs are:

- BioNanomaterials
- Polymer Chemistry and Polymeric Materials
- Biophysics
- Soft Matter Physics

The research of the two junior groups focuses on:

- Smart Energy Materials
- Mechanoresponsive Materials

See <https://www.ami.swiss/> for details.

The future appointee will build an independent research group in their area of expertise.

Teaching

The AMI professors teach mainly at the master's level in the departments of chemistry, physics, medicine, and biology. The nominal teaching load is 3 weekly hours. The new chair in Food Science and Technology is expected to integrate into the interfaculty Food Research and Innovation Centre (FRIC), which will be launched in 2024. Together with the four existing AMI chairs and the members of the FRIC, the appointee will develop new teaching content and offerings focusing on graduate and post-graduate students. So-called continuing education measures (CAS programmes) will also be part of teaching – thus contributing to the training of professionals in this field. Candidates must be able to teach in English. Conversational skills in French and German are an advantage.

INFRASTRUCTURE AND FUNDING

Department and location

The AMI is located in a recently established 7500 m² state-of-the-art research facility on the Pérolles campus of the University of Fribourg. It is within walking distance of the other Faculty of Science and Medicine buildings. The Pérolles campus also hosts the School of Engineering and Architecture. The future appointee will have unrestricted access to the infrastructure of the AMI and of the Faculty of Science and Medicine.

Infrastructure

The AMI offers an outstanding infrastructure for soft matter nanoscience, including scanning and transmission electron microscopy, a focussed ion-beam-scanning-electron microscopy dual-beam instrument, small- and wide-angle x-ray scattering, confocal microscopy, optics laboratories, well-equipped polymer chemistry processing and characterisation labs, protein analytics, cell-culture facilities, bio-printing, and a clean room with lithography equipment.

Financial support

The research group of the successful candidate will be supported with generous, highly flexible base funding provided by the Adolphe Merkle Foundation and the canton of Fribourg. Moreover, a substantial start-up package commensurate with the candidate's needs will be available. The appointee is expected to actively secure significant external funding that augments the existing support.

The salary is established according to the salary scale of the Canton of Fribourg. Details will be provided when the position is offered.

For more information about working at the University of Fribourg, please consult www.unifr.ch/attractive-employer/working-at-the-uni.

CONTACT

Contact for further information

Prof. Ullrich Steiner (ullrich.steiner@unifr.ch)

Director of the Adolphe Merkle Institute, University of Fribourg

Phone: +41 26 300 9503