

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 Computational Metagenomics and Microbial Modeling
at the Department of Computational Biology**

Starting date: Summer 2024

Contract length: 2 years, renewable twice

Place: Lausanne, Switzerland

Rate: 100%

The Department of Computational Biology ([DBC](#)) is internationally renowned for its excellent research in the development of models to analyse complex and large-scale biological data. Within the frame of the National Centre of Competence Research (NCCR) *Microbiomes*, the DBC is looking for an outstanding junior individual whose research excels in computational metagenomics, microbial community profiling and modeling, phylogenomics or genome-scale metabolic modelling. The research should focus on the analyses of large-scale omics data (genomics, transcriptomics and metabolomics, etc.) or community modeling using, for example, high-throughput spatial imaging of microbes and their hosts, or other organisms.

Main tasks :

- Develop an internationally recognized research program funded by external sources
- Develop a strong collaborative research within the DBC and the NCCR *Microbiomes*
- Supervise Master and PhD students
- participate in teaching activities by the Department.

Desired profile :

- PhD in biological sciences, computer science, physics or mathematics
- A proven track-record of outstanding research achievements, original ideas and successful funding applications in computational biology and microbial research
- A good knowledge of French or aptitude to learn it.

UNIL is committed to promoting gender equality and diversity and strongly encourages applications from female candidates: www.unil.ch/egalite

The Department has excellent computational facilities and access to the latest computer infrastructure. A wet lab is also available. Access to imaging, metabolomics, proteomics, and genomics platforms is available on campus. A start-up package as well as a yearly research allowance for positions and consumables will be available within a dynamic research environment.

Further information may be obtained from Prof. Nicolas Salamin (nicolas.salamin@unil.ch), Head of the DBC and Prof. Jan van der Meer (janroelof.vandermeer@unil.ch), Head of NCCR *Microbiomes*.

Applications, in English, should include i) a motivation letter, ii) a curriculum vitae, iii) a list of publications highlighting and summarizing the five most significant ones from the point of view of the candidate, iv) a brief statement (5 pages max.) of the past and future research, a summary of previous teaching experience, v) a copy of diplomas, vi) and the names and contact information of at least three references.

Full applications should be submitted online as a single PDF file to the [University website](#) by **July 31st 2023 (23:59 GMT+1)**.

The job description is available on [the University's website](#) (or QR code).

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.

