

The best time – HFU.

Surrounded by the unique natural beauty of the Black Forest, Furtwangen University forms academic and practical partnerships with prestigious companies. Our university is not only geographically the highest in Germany, it is also one of the oldest universities of applied sciences in Germany, originally founded in 1850 as a watchmaking school. Time is our passion – the best time for our present and our future. We embody ingenuity and quality, curiosity and responsibility. And we value vision and solidarity. We connect the Black Forest with the world, particularly in the fields of computer science, engineering, business, media and health sciences. Our community numbers around 5,000 students, more than 190 professors and over 450 other employees spread across our three campuses in Furtwangen, Villingen-Schwenningen and Tuttlingen, as well as our Study Center in Freiburg and our Research Center in Rottweil. We are many things – and we are one of the most research-oriented universities of applied sciences in Baden-Württemberg.

Subject to final approval of the funds, Furtwangen University is offering a post-doc position as academic staff within the research project “MiMEndo” of Prof. Dr. Markus Egert (Microbiology and Hygiene) at the Institute of Precision Medicine of the Faculty III: Health, Medical and Life Sciences.

We are currently looking for a:

Molecular Microbiologist (m / f / d)

with specialisation in Human Microbiomics

We offer a fixed-term (“temp”-) contract until 31.12.28. Working hours per week will be 39.5 (100 %).

Employment conditions and pay are regulated by the German TV-L collective bargaining agreement for public sector employees of the states (*Tarifvertrag öffentlicher Dienst der Länder*).

This position can allow for a classification up to TV-L salary group E13, depending on whether the candidate meets the necessary qualifications to handle all the assigned task of this position as intended.

The primary work place for this position is located at the campus Villingen-Schwenningen. However, the ability and readiness to perform position-related task at the other campuses is expected.

The earliest possible date of entry would be the 01.02.2026.

Your tasks will include:

The successful candidate will work in a BMFTR-funded project dealing with possible links between endometriosis and the structure and function of the human microbiome. The work plan includes NGS-based molecular microbiome analyses of a variety of human samples and correlation of the results with patient metabolome and health-related metadata in order to facilitate the diagnosis of endometriosis and to deepen the understanding how microbiome, metabolome and the enteric nervous system interact in patients with endometriosis.

Project partners include the university of applied sciences in Kaiserslautern, the MVZ Institute for Microecology in Herborn, and two clinics specialising in endometriosis. The position is ideal for candidates with a strong interest in application-oriented human microbiome research.

Your background and qualifications:

Candidates with a doctorate or PhD in microbiology, molecular biology, biochemistry, bioanalytics or related fields can apply.

Candidates must have provable experience in modern microbiome (-omics) research technologies, such as metataxonomics, metagenomics or metatranscriptomics. Bioinformatic, programming and computer skills (R, Python, QIIME etc.) are of advantage. In addition, excellent language proficiencies in English and at least good proficiencies in German (written and spoken) are required.

We are offering:

- Interesting and multifaceted work in a motivated, open-minded team in which every member is valued.
- An open and vibrant working culture characterised by dynamism, mutual support, and shared goals and values.
- A great and unique opportunity to actively contribute your own skills, knowledge and ideas.
- Modern working practices, flexible hours, staff wellbeing initiatives, opportunities for professional development, and measures to support the balance between work and family life.
- A position with all the benefits of public sector employment, including an annual bonus payment (*Jahressonderzahlung*), supplementary occupational pension for public sector employees (VBL), and subsidies for the *JobTicket BW* and *JobBike BW* public transit/commuter programs.

Furtwangen University is committed to equal opportunity and diversity. We aim to increase the proportion of women in our workforce and therefore explicitly encourage qualified women to apply. Applicants with severe disabilities will be given preferential consideration where suitably qualified.

You will find detailed information on our university online at www.hs-furtwangen.de. For additional information on this position, please contact Prof. Dr. Markus Egert, phone +49 7720 3074554 or email markus.egert@hs-furtwangen.de.

We look forward to your application. Please submit it via our Online Application Tool at jobs.hs-furtwangen.de no later than **11.01.2026**, citing the code **2025-105-FA_III-D**.