

The Vetmeduni teaches, undertakes research and offers services designed to guarantee the health of animals in Austria. We view our work as our contribution to ensuring human health and the health of our animal companions as well as to the production of healthy food. To help us meet these objectives,

our **Centre for Biological Sciences in the Department of Biological Science and Pathobiology**, is looking for an

University Assistant (Pre-Doc) PhD-/Doctoral-Student in the metabolomics project DB-MoleCARE: **D**igital **B**iobank of **M**olecular profiles for **C**omparative **A**nimal **R**esearch

Grade:	B1 Pre-Doc
Level of employment:	30 hours/week
Duration of contract:	for up to 4 years
Deadline for applications NEW:	22.08.2026
Reference number:	2026/0135

Job Description

The position is located at the Center for Biological Sciences, with a focus on Metabolomics at the University of Veterinary Medicine, Vienna.

Veterinary Medicine is yet to fully use the power of metabolomics to transform diagnostics, precision medicine and health and welfare of our animal companions. We aim to implement a veterinary metabolomics pipeline for the continued analysis of veterinary samples. We conduct high quality analytical and bioinformatical research to develop solutions to improve the robustness and quality of metabolomics research data. Ultimately, our goal is translation of research discoveries into clinical use and change veterinary and medical practice.

We are looking for a scientist who will develop high quality, robust and reproducible analytical and bioinformatical metabolomics pipelines to international standards for the analysis, storage and reuse of data as routine. This role will be mainly lab based and will suit someone who enjoys lab work, mass spectrometry and analytical chemistry and has an interest in large cohort analysis and mass spectral interpretation.

Responsibilities and tasks

- Participation in and independent processing of research projects in the above mentioned subject areas
- Independent lab-based research activities as part of a PhD thesis/dissertation
- Some travel is anticipated as part of the position.

- Participation in the design and implementation of an infrastructure for a digital metabolomics biobank repository, including chemical analysis of cohorts.
- Assistance with organizational and administrative tasks including to FAIR standards
- Participation in English-language university teaching in accordance with the collective agreement in the area of omics-related scientific courses

Necessary education, knowledge and qualifications

- Completed Master's or diploma degree in analytical chemistry, pharmacy, biotechnology, or similar fields relevant to metabolomics
- Proven work experience in metabolomics, mass spectrometry or related analytical chemistry methodology
- Good communication skills in written and spoken English language (B2)

Desireable qualifications, abilities and skills

- Direct experience of chemical analysis using mass spectrometry
- Proof for experience in programming, especially in R or Python
- Proof for Experience in large data analysis, complex problem solving and numerical data
- Proof for Experience of multivariate modelling and confounding factor analysis
- Excellent record keeping skills in accordance with good scientific practice and FAIR needs.

What we offer

- A friendly, ambitious and productive team to support you in your career goals
- A highly prized training in practical metabolomics by experts in their field
- Access to high spec mass spectrometers for state of the art metabolomics research
- Top university: the Vetmeduni is one of the leading academic institutions in Europe to offer education in and undertake research on veterinary medicine
- Stable employer
- Attractive campus
- Opportunities for further training, both personal and in connection with your career
- Preventive and medical health care
- Diversity- and family-friendly culture
- Childcare facilities, both in term time and during holidays
- Many attractive fringe benefits
- Staff events

Minimum salary

The minimum salaries at universities are governed by a collective bargaining agreement. At the level given above, the minimum salary amounts to EUR 3,776.10 gross per month based on full-time employment (40 hours/week).

Applications

We shall be happy to receive your application **in English language**, quoting **reference number 2026/0135**, by e-mail to bewerbungen@vetmeduni.ac.at. Please do not forget to include the reference number, or we shall not be able to assign your application to the correct position.

Please be sure to include the following with your application:

- Official notices or certificates, as well as the transcript of records for the degree(s) to be verified

In accordance with § 41 of the 2002 Universities Act, the Vetmeduni is striving to increase the proportion of female staff members, particularly in leadership positions, and to achieve a balanced ratio of men and women on its staff, especially the scientific staff, and would thus welcome applications from qualified females. If women are underrepresented (below 50%), female candidates who are as well qualified as the most appropriate male candidates will be given preference, provided that there is no reason to prefer a particular males candidate.

There is no cost for applying for the position. However, candidates have no rights to reimbursement of any travel and accommodation costs that may arise in connection with their applications.

The Vetmeduni is proud to hold the certificate “hochschuleundfamilie” (university and family) and thus welcomes applications from people with families. We also welcome applications from persons with disabilities. If you have any questions regarding this, please feel free to contact our disability liaison officer <https://www.vetmeduni.ac.at/betriebsrat/unsere-behindertenvertrauenspersonen>

Further information

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<https://www.vetmeduni.ac.at/en/metabolomics>