University of Veterinary Medicine, Vienna

Veterinaerplatz 1, 1210 Vienna, Austria
www.vetmeduni.ac.at

The University of Veterinary Medicine Vienna (Vetmeduni) is an internationally renowned centre for veterinary medicine education, research and knowledge transfer. The modern campus accommodates teaching and research facilities as well as animal clinics. Vetmeduni is Austria's only veterinary teaching and research hospital. It is home to around 2.300 students and 1.400 employees. Vetmeduni is characterized by its pursuit of excellence in teaching, research and service facilities, as well as its commitment to social responsibility.

The **Department of Biological Sciences and Pathobiology** seeks to appoint a

Professorship

for "Computational Medicine"

in accordance with § 98 of the 2002 Universities Act.

Grade:	A1
Level of employment:	40 hours weekly
Length of employment:	permanent
Envisaged Job Starting Date:	October 2027
Deadline for applications:	09.12.2026
Reference number:	2026/0256

Field of activity

The professorship is affiliated to the Centre of Biological Sciences and is intended to represent the field of computational medicine in research and teaching, with a special focus on comparative medicine, evolutionary medicine, One Health/One Medicine as well as data-driven biomedical research. The professorship is intended to help identify common and different patterns of health, disease, resilience and adaptation between animal species, populations and individuals using modern methods of artificial intelligence, machine learning, bioinformatics, predictive modelling and interpretable data analysis.

The job holder is expected to establish and further develop an internationally visible, innovative and competitive research profile in the field of computational medicine. In particular, the development and application of data-driven methods for the integration of animal and, where relevant, human medical health data in the sense of One Health and One Medicine is expected.

Of particular importance is the establishment of an interdisciplinary, internationally visible research programme along with the promotion of early-career researchers. For this purpose, state-of-the-art facilities with excellent research and teaching opportunities are available.

Research activities are expected in areas such as the following:

- Development of innovative strategies for the integration and analysis of large, heterogeneous datasets from veterinary medicine, biomedicine, comparative medicine, population medicine, wildlife research and related fields,
- Application and further development of methods of artificial intelligence, machine learning, predictive medicine, bioinformatics and statistical modelling,
- Development of interpretable data structures that enable connections between animal health data and human health data,
- Identification of common and different patterns of health and disease between individuals, populations, species, and ecological contexts in the context of comparative medicine and evolutionary medicine
- Contribution to improving animal health and welfare, especially for domestic, farm and wild animals as well as at their interfaces with humans and the environment

In research, the successful candidate should demonstrate a relevant, independent, and internationally visible profile. Adequate third-party funding for the own research is a prerequisite. The job holder is expected to collaborate with the facilities of the Vetmeduni as well as with related national and international institutions.

In teaching, the successful candidate fulfils tasks within the curricula of Vetmeduni, supervises theses and is involved in postgraduate scientific training. The tasks include the further development of existing teaching programmes (compulsory and elective courses, postgraduate training) using digital media.

Furthermore, the duties of the position holder include third mission activities as well as contributions to the university self-administration and participation in university as well as national and international committees.

Required education, qualifications and experience

- Completed studies in life sciences or natural sciences, bioinformatics, data science, computer science, mathematics, statistics or a comparable field
- Completed subject-related Doctorate / PhD in the relevant field
- Proof of interdisciplinary research activities in the relevant field and ability to network (e.g., demonstrated through national or international project cooperations with universities or research institutions)
- Outstanding, relevant publication track record (in line with the career level)
- Proof of successful acquisition of third-party funded research projects as Principal Investigator (PI)
- Demonstrable experience in the application, validation, and further development of state-of-the-art methods in the relevant subject area

- Experience in the development and application of statistical, mathematical, bioinformatics or AI-based methods for the analysis of biomedical data
- Experience with large heterogeneous or multimodal datasets, ideally related to animal health, human medicine, population medicine, genotype-phenotype integration, or translational research
- Experience in interdisciplinary collaboration, especially at the interface between biomedicine, veterinary medicine, data science and/or One Health
- Didactic qualifications or experience in teaching, supervision, and training of undergraduate and graduate students
- Good command of English (B2)
- Good command of German (B2)

Required general skills and abilities

- Strong leadership and social skills
- Excellent communication and presentation skills
- Gender and diversity management skills
- A commercial and strategic mindset
- Decision-making ability and assertiveness
- Strong commitment to the continuing success and development of Vetmeduni

Additional desired qualifications and skills

- Experience in building sustainable data infrastructures, data standards or interoperable data models
- Knowledge of ethical, legal and privacy-related aspects of biomedical data analysis
- Willingness to actively participate in shaping university priorities in the areas of One Health, One Medicine and Planetary Health
- Enthusiasm for the interdisciplinary research landscape of Vetmeduni and the cooperation with clinical, preclinical, population medicine and ecological research areas

What we offer

- Top university: Vetmeduni is one of the leading academic education and research institutions in veterinary medicine in Europe
- Stable employer
- Attractive campus
- Personal and professional training and development opportunities
- Health Care
- Diversity- and family-friendly university culture
- Children’s day care and holiday care options
- Numerous attractive fringe benefits
- Employee events

Minimum salary
The minimum salary according to the Collective Bargaining Agreement for University Staff is EUR 6,713.30 gross per month (14 times per year, 40 hours/week). A higher salary may be agreed to during the appointment negotiations.

Applications
Application documents in English language must include:

2. Letter of application with a brief description of:
   - Current research interests and research plans for the immediate future
   - Previous and planned areas of focus in academic teaching and supervision of young researchers
3. Curriculum vitae including:
   - Information about “esteem factors” (e.g. experience as a publisher, functions in research societies or programme committees)
   - List of lectures given including information about invited lectures at international conferences
   - Information about projects funded by third parties, acquired either independently or in collaboration, stating topic, duration, origin, volume, own role in acquisition, as well as any inventions/patents
   - List of academic teaching and supervised theses, especially doctoral theses
   - Information about experience in organization, management and leadership
4. List of publications including specification of five key publications which the applicant considers particularly relevant to the advertised position
5. Further documents to prove the required education, qualifications and experience of the applicant

To apply for this position, please send your documents in English, noting **the reference number 2026/0256**, by e-mail to the Office of the Senate of the University of Veterinary Medicine Vienna at berufungen@vetmeduni.ac.at.

Presentations and interviews with the candidates are scheduled for **May 2027** (likely in **calendar week 19**).

The Vetmeduni aims to increase the proportion of women among scientific and general university staff, especially in management positions, and therefore explicitly invites qualified women to apply. In the case of underrepresentation of women, female applicants who are equally suitable as the best-suited male competitor will be given priority, unless reasons relating to the person of a competitor prevail.

There is no fee required for submitting an application. Applicants have no entitlement to reimbursement of any travel or accommodation expenses they may incur as a result of the application procedure.

As a proud holder of the “hochschuleundfamilie” (“University and Family”) certificate, Vetmeduni welcomes applications from candidates with family responsibilities. We also encourage people with disabilities or chronic conditions to apply. If you have any questions regarding this, please feel free to contact our disability liaison officer https://www.vetmeduni.ac.at/betriebsrat/unsere-behindertenvertrauenspersonen

Translations into other languages are solely for information purposes. The version advertised in the University Bulletin (Mitteilungsblatt) is the only one that is legally binding.

For further information, please visit
www.vetmeduni.ac.at/en/infoservice/professorships

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