

Professorship for Computational Medicine

The University of Veterinary Medicine, Vienna is an internationally renowned competence centre for teaching and research in veterinary medicine, as well as a sought-after partner for cooperation. The modern campus accommodates teaching and research facilities and the only veterinary teaching and research hospital in Austria. Furthermore, it is the working place of around 2300 students and 1400 staff members. The University of Veterinary Medicine, Vienna distinguishes itself through its striving for excellence in teaching, research and the service units, as well as through continuous dialogue with society.

The Department of Biomedical Sciences of the University of Veterinary Medicine Vienna, is inviting applications for the **Professor for Computational Medicine** in accordance with § 99 (1) of the 2002 Universities Act.

The role:

The successful applicant will provide significant expertise in the discipline of Computational Medicine. He or she will contribute to the University's teaching, research, programme development and service at a national and international level and will promote the university within the academic and professional communities. The Vetmeduni Vienna provides a modern research and teaching infrastructure with state-of-the-art equipment and facilities. The successful candidate will collaborate with scientists across disciplines both intra- and extramurally, mentor junior scientists and attract third-party funding. He or she will be expected to manage the development and implementation of statistical methods and mathematical models for integration of genotypes and phenotypes across species. High-throughput data in the context of translational medicine will be the basis of this active and competitive research profile.

Job profile:

- Initiating an innovative research profile and supporting existing areas of research in the field of Computational Medicine
- Development and implementation of statistical methods and mathematical models for integration of genotypes and phenotypes across species
- Teaching and supervising students within the Curricula of the Vetmeduni Vienna and postgraduate training at the Vetmeduni Vienna
- Development of interdisciplinary cooperation networks on the University campus and with external partners
- Leadership of the respective area of research

Required training, qualifications and skills:

- Degree in natural sciences/mathematics/informatics
- Habilitation (venia docendi) or equivalent international qualification (PhD) in a relevant discipline
- Outstanding contributions to scholarship and research in a relevant discipline as evidenced by high-quality peer-reviewed publications in leading journals and/or acquisition of third-party funding
- Experience in the field of network science and data science
- A proven record of achievement in teaching and supervision at undergraduate and postgraduate levels
- Record of successful conception, fund-raising and conductance of third-party funded projects in the area
- social, communicative, strategic and leadership skills
- Very good command of English (C1)

Further desired qualifications and skills:

- Interest and experience in interdisciplinary research
- Enthusiasm for the diversity of the research facilities of Vetmeduni Vienna

Salary scheme:

Salary scheme of the Collective Bargain Agreement for University Staff, job group A1

Minimum salary:

The minimum salary according to the Collective Bargain Agreement for University Staff is €73.438,40 gross/year (14 monthly salaries). A higher salary may be agreed during the appointment negotiations. The position will be associated with a temporary (5 years) contract of employment.

Application deadline: 15.03.2020

Reference no.: CM_2019

To apply for this position, please send your documents in English to the Office of the Senate at the University of Veterinary Medicine per e-mail to senat@vetmeduni.ac.at.

The **application documents** should comprise:

- Application letter including a brief description of:
 - Current research interests and research plans for the immediate future
 - Previous and planned focuses in academic teaching and supervision of young researchers
- Curriculum vitae including:
 - Information about esteem factors (e.g. experience as a publisher, functions in research societies or programme committees)
 - List of talks given including information about invited keynote lectures at international conferences
 - List of acquired third-party funds (subject, duration, origin, volume) as well as, if applicable, inventions/patents
 - Overview of academic teaching and supervised theses, especially doctoral theses
 - Information about experience in organization, management and leadership
- List of publications including specification of five key publications which the applicant considers particularly relevant to the advertised professorship
- Further documents to prove the required training, qualifications and skills

Applications are free of charge.

The Vetmeduni Vienna is keen on increase the proportion of female staff, particularly in senior positions, it is striving to attain a balanced representation of men and women, especially on its scientific staff. Applications from qualified women are thus particularly welcomed. If women are underrepresented (below 50%), female applicants who are as well qualified as the best qualified male applicants will be given preference, provided that there are no strong reasons for favoring a particular male candidate.

The University of Veterinary Medicine, Vienna is proud to hold the certificate "hochschuleundfamilie"—University and Family. Therefore, we welcome applications of candidates with family competence. We also encourage people with disabilities to apply.

For further information, please visit

<https://www.vetmeduni.ac.at/en/infoservice/professorships/>