

At the University of Vienna and the Medical University Vienna the position of a

**University Professor
of
Computational Medicine**

(full time, permanent position) is to be filled.

We are looking for outstanding scientists who pursue innovative research at one of the various interfaces between computer science and/or mathematics on the one hand and medicine and biomedical research on the other hand. Candidates should work on mathematical and/or computer science aspects of problems arising in computational medicine and have documented experience in related interdisciplinary work. Particular research areas with relevant medical applications include (but are not limited to): reliability, dependability, interpretability, scalability and performance of machine learning methods with complex biomedical data sets; privacy-preserving and distributed data mining methods; computational biomedical image analysis; data-driven modelling and simulation; optimization and control of processes governed by partial differential equations; uncertainty quantification and reliable decision support systems in computational medicine; or machine learning and statistical methods for data analysis. The position is part of an initiative to strengthen the translational research between the University of Vienna and Medical University of Vienna. Consequently, the holder of the position is expected to be in close interaction and cooperation with related research groups at both universities.

Successful candidates should have the following qualifications:

- Doctoral degree/PhD and post-doctoral experience at a university or other research institution
- Strong commitment to interdisciplinary, collaborative research and willingness to contribute to strategic initiatives in the area of digital medicine in Vienna, Austria and internationally
- Outstanding achievements in research, excellent publication record, international reputation; that can be verified as international equivalent qualification to a Habilitation
- Experience in designing, procuring and managing large research projects, as well as the willingness and ability to lead research groups
- Enthusiasm for excellent teaching, teaching experience at universities as well as the ability and willingness to teach students in all phases of their studies (bachelor's, master's, or doctoral level), to supervise academic theses and to promoting young academic colleagues

In addition, we expect the successful candidate to be prepared to take over responsibility on the organisational level of the Universities, if necessary.

We offer:

- a negotiable and attractive salary (classification according to the [Collective Bargaining Agreement for University Staff](#), allocation to job group A1; section 98 of the Universities Act 2002); the salary will be individually negotiated under consideration of the previous career development and the current income situation
- in addition to the statutory social insurance, we offer a pension fund to its employees



- a “start-up package”, in particular for the initiation of research projects
- a dynamic research location with well-established research funding provisions
- an established interdisciplinary research environment of closely collaborating internationally renowned labs in the field of medicine, bioinformatics, and mathematics
- attractive working conditions in a city with a high quality of life
- comprehensive advice and support in relation to finding an accommodation, change of schools and dual career
- a wide range of support services offered by central service institutions

We pursue a non-discriminatory employment policy and values equal opportunities, as well as diversity (<http://diversity.univie.ac.at/en>). We put special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.

Application documents:

- **Application letter**, including a brief description of:
 - current research interests and research plans for the immediate future
 - current and planned foci in academic teaching and the supervision of young researchers
- **Academic curriculum vitae**, including information about “esteem factors” (e.g. experience as a publisher, functions in research societies or programme committees)
- **List of publications**, including:
 - specification of five key publications which the applicant considers particularly relevant to the advertised professorship
 - provision of an Internet link for download or electronic submission of PDF versions of these five publications
 - information about citations and impact factors, depending on the common practice in the relevant research area
- **List of talks given**, including information about invited keynote lectures at international conferences
- **Third-party funds** list of acquired third-party funds (subject, duration, origin, volume) as well as, if applicable, of inventions/patents
- **Overview of previous academic teaching and supervised theses, especially doctoral theses**
- **Teaching evaluations** (if available)
- **Copies of documents and certificates**

Applications in English should be submitted by e-mail (preferably as PDF attachments) to the Office of the Rectorate of the University of Vienna, Universitätsring 1, 1010 Vienna, (personal.rektorat@univie.ac.at).



universität
wien



MEDICAL UNIVERSITY
OF VIENNA

The application deadline is **7 March 2019**.

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