

The Medical Faculty of the University of Augsburg is a young medical faculty that focuses on an emerging and future-oriented, internationally attractive, and interdisciplinary scientific profile with its two research priorities: "Environmental Health Sciences" (EHS) and "Medical Information Sciences" (MIS). In addition, it offers excellent opportunities for establishing interconnected healthcare research structures through its clinical profile centers in Vascular Medicine, Tumor Medicine, and Allergology. In medical education, it pursues a modern competency-oriented medical training with the first model study program in Bavaria for a secure healthcare provision of the future.

Augsburg University Hospital offers almost all medical specialties for the approximately two million inhabitants of the administrative district of Swabia. As the only center for maximum care, the University Hospital treats a very large number of patients with an exceptionally wide range of diseases in outpatient and inpatient care. This enables the creation of structured patient registers and environment-focused care research with the development of disease-specific early warning systems.

The Faculty of Medicine of the University of Augsburg announces a permanent position of a

**University Professor (m/f/d)
Salary grade W3
for Aerosol and Infection dynamics**

The appointment is as a tenured public servant.

The professorship is associated with membership of the Environmental Health Sciences Institute (EHSI), which is currently being established, active participation in its development, close links with the existing professorships and the innovative further development of the EHS research focus at the Faculty of Medicine. Close cooperation with the Center for Climate Resilience at the University of Augsburg is also desirable.

The University of Augsburg would like to attract an outstanding and internationally visible personality with leadership skills who has demonstrated excellent research achievements in the advertised field. Applicants are expected to have an independent scientific profile in the field of research on infection dynamics in connection with airborne infections and aerosols. The position holder should research and analyze the airborne spread of infectious agents and the interaction of pathogens with other aerosol components. Ideally, the influence of global environmental changes such as climate change, biodiversity loss, microplastics and chemical pollution on these processes will also be taken into account. Methodologically, flow models for the spread of infectious agents in indoor and outdoor areas will be used, as well as modern analytical methods to identify the pathogens on aerosol components and to investigate both their survival time and ways of eliminating the pathogens. The research results should contribute to a faster understanding of the incidence of infection in future epidemics and pandemics and help to contain them. Public health and the prevention of infectious diseases are an important goal of the professorship.

The research activities of the post holder should also include, in particular, links with clinical disciplines and cooperation with the research focus on Medical Information Sciences. Key selection criteria are success in acquiring third-party funding and high-ranking publications. The ability and willingness to work interdisciplinarily in research networks of the University or the University Hospital Augsburg is required. Due to the position holder's involvement in medical education, particular commitment and broad experience in modern skills-based teaching, including the use of blended learning formats, are required and must be reflected in a specific teaching concept. Proof of a didactic qualification is advantageous.

Recruitment requirements for the professorship are a university degree in natural sciences or human medicine, several years of internationally visible work as a scientist in the advertised field and proven teaching experience that demonstrates a broad connection to courses in medicine and health sciences. In addition pedagogical aptitude, special aptitude for scientific work, which is usually demonstrated by the quality of a doctorate are expected, as well as additional scientific achievements, which may have been achieved through a habilitation in the advertised subject area, as part of a junior professorship or through equivalent scientific achievements (possibly also outside the university sector). The leadership of a junior research group constitutes an equivalent academic achievement under the conditions specified in Art. 98 para. 10 sentence 5 BayHIG.

Appointment as a public servant can only take place so long as one is not over 52 years of age. Otherwise, employment is possible within the framework of an employment contract under private law.

The University of Augsburg aims to increase the proportion of women in research and teaching and therefore strongly encourages female academics to apply. For further questions regarding equal opportunity, please contact the faculty's representative for equal opportunities for women in science and the arts at:

<https://www.uni-augsburg.de/en/verantwortung/gender-equity-diversity/gender-equity/about-us/frauen-beauftragte/>

The position is suitable for severely disabled persons. Severely disabled applicants will be given preference in the case of otherwise equal suitability, qualifications, and professional performance

For the application, please use exclusively our appointment portal at the address:

<https://berufungsportal.med.uni-augsburg.de/>

For this purpose, please have the usual documents ready (curriculum vitae, description of your own professional and scientific career and, resulting from this, a teaching and research concept for the development of the advertised professorship in the context of Augsburg's research profile, list of publications, description of third-party funding, certificates, doctoral certificate, if applicable, specialist certificate, habilitation certificate, appointment certificates, list of academic courses).

Application deadline is

11.09.2025

For general questions regarding the application, please contact the Dean Prof. Dr. Martina Kadmon (berufung@med.uni-augsburg.de).

Please note that the authoritative version of this advertisement is the German one.