

The Paris Lodron University Salzburg (PLUS) is an emerging University in Austria that stands for excellence in research and teaching in the field of (Digital) Humanities, Life Sciences, sustainability of (social) processes and the connection of Art & Science. With the four guiding themes “Art in Context”, “Development and Sustainability”, “Digital Life”, and “Health and Mind”, PLUS offers scientists excellent opportunities for inter- and transdisciplinary networking.

The Paris Lodron-University Salzburg invites applications for a position as a

Full Professor in Chemical Biology and Biological Therapeutics

at the Department for Biosciences and Medical Biology.

The appointment is part of a larger initiative to strengthen the translational biomedical research activities in Salzburg in alignment with the development plans of the Paris-Lodron-University of Salzburg (PLUS) and with support of the Salzburg provincial government (WISS 2030) and the Austrian Ministry of Education, Science and Research (BMBWF). The professorship will support the Life Science Strategy of the county of Salzburg in its major aims of sustainably expanding the biomedical focus areas of cancer research and immunology by contributing complementary expertise for teaching and research in biology and pharmaceutical drug discovery.

The Department seeks applicants that are already established leaders in the field of chemical biology / pharmaceutical drug discovery. Candidates are expected to establish an internationally competitive biomedical research program focused on extracellular vesicle (EV) biology and EV therapeutics that strengthens the department’s successful regional, national, and international research networks, such as the ACBN Center of Excellence, the EV-TT Center, and the Cancer Cluster Salzburg (CCS). He/she should have extensive leadership experience in interdisciplinary programs at the interface of chemistry and biomedicine with demonstrated success in preclinical drug discovery and development and substantial insight into the translation of innovative therapeutic strategies into clinics and the market. Cross-sectorial experience in both academia and the biotech or pharmaceutical industry would be particularly desirable. In addition, applicants should have experience teaching topics of practical relevance for medical biology and pharmaceutical drug development as well as scientific and cross-sectorial career mentoring of students and young scientists.

General requirements include:

- Relevant academic education and a PhD/doctorate in Chemistry, Biology and/or Biophysics
- The qualification to teach at university level (*venia docendi*) or equivalent academic qualification
- An outstanding track record of research achievements in biomedicine with a focus on chemical biology and/or biological therapeutics and competitive scientific track record in the field of extracellular vesicle biology and therapeutics
- Successful and substantial acquisition of third-party funding for research projects, grant management and budget responsibilities
- Fluency in written and spoken English. Non-German speaking candidates will be expected to acquire proficiency in German within 2 years of employment

Additionally, the candidate is expected to have:

- >10 years of research experience in preclinical drug discovery and development of both, small molecule and biological therapeutics, with proven success to transition programs across stages and completion of milestones
- Several years of leadership experience in the direction of interdisciplinary, application-oriented research programs at the interface of chemistry and biomedicine, as well as other relevant disciplines (i.e., biophysics, biotechnology, engineering, pharmacology, computer sciences), an active role in the translation of projects from basic research into the clinics and commercialization
- Expertise in biomedical manufacturing and quality control processes, and good understanding of regulatory processes and issues in the development of biological therapeutics
- Broad practical experience in state-of-the-art technologies relevant for pharmaceutical drug discovery, including chemical synthesis and analytics, bioanalytics, molecular and cellular biology, protein biochemistry, complex cellular models and cellular engineering to high throughput screening / high content screening, advanced imaging technologies, and *in vivo* pharmacology
- Experience with open science practices and pedagogical and didactical skills for science dissemination to diverse audiences ranging from students, scientists and the general public to policy makers and other stakeholders
- Experience in patenting and other intellectual property strategies
- Managerial skills to direct an interdisciplinary research group as well as inter-institutional and cross-sectorial collaborative research networks and experience in cooperation with clinical partners
- Proof of visibility, recognition, and integration into the international scientific community (e.g., acting on scientific advisory boards, as expert reviewer, scientific consultancy, etc.) as well as international working experience
- Track record in international collaborations, preferably with leadership experience in private-public partnerships
- Willingness to participate in and expand the research and teaching partnerships of the Paris-Lodron University Salzburg
- Experience and willingness to participate in committees and self-government bodies of the university, and supporting the institution with expertise in third-mission relevant aspects
- Team spirit, social skills and competence in communication, diversity and inclusion
- Willingness and qualification to assume leadership positions

The position is offered as a full-time tenured contract, as regulated under the Austrian University Act (UG 2002 §98 Abs.1). The Paris-Lodron University of Salzburg is committed to increasing the proportion of women in research and teaching positions and therefore explicitly encourages female candidates to apply. Women will be given preference over equally qualified men. Disabled persons and persons with chronic diseases who fulfil the qualification criteria are invited to apply. Travel and accommodation costs arising from this application cannot be reimbursed.

Applications including curriculum vitae, a summary of past achievements and future planned research, a teaching statement, a list of publications, patents, third-party funding for research projects, and other pertinent activities should be addressed to the Rector of the Paris-Lodron University of Salzburg, Univ.-Prof. Dr.med. Dr.hc. Hendrik Lehnert, and sent by e-mail to

bewerbung@plus.ac.at no later than **August 30, 2023**. Please include the reference number **B 0009/1-2023** of the job advertisement in the application.