

Strategic positioning (profile)

The professorship is intended to strengthen and further develop the research field of Biophysics at the Institute of Molecular Biosciences. The focus should be on molecular and cellular biophysics with special emphasis on biophysical and structural studies of cellular membrane and/or organelle systems, or on investigations of protein-membrane and protein-lipid interactions with respect to cell biological and physiological processes. Active contributions are expected to the BioHealth Field of Excellence and to the strategic inter-university cooperations NAWI Graz and BioTechMed-Graz. The post holder will be responsible for the teaching of biophysics and related fields and will also be expected to participate in general teaching in the molecular biosciences.

Employment requirements

<ul style="list-style-type: none"> ○ A completed Austrian or equivalent foreign higher education corresponding with the application (e.g. doctorate) ○ Habilitation or equivalent qualification in biophysics, structural biology or biochemistry ○ Excellent scientific qualification in research and teaching for the relevant subject (relative to academic age) ○ International experience during the scientific career ○ Successful acquisition of subject specific projects; in particular competitive third-party funding ○ Management and leadership experience ○ Excellent command of English and experience with scientific publishing in English ○ Gender mainstreaming competence

Expected qualifications profile (portfolio)

	Criterion	Objective
Research	Research profile	<i>Ability to further develop the research field of biophysics with an emphasis on membrane and lipid research</i>
	Publications	<i>Active and internationally visible publication record with high impact and status in this discipline</i>
	Third-party funding	<i>Success in attracting competitive research projects with national or international funding</i>
Teaching	Courses	<i>Experience in teaching courses at bachelor's/master's level (diploma, teaching degree)/doctorate in the fields of biophysics, (bio)physical chemistry and/or biochemistry</i>
	Final papers	<i>Experience in supervision of final papers at master's (diploma)/doctorate level</i>
	Didactics in higher education	<i>Qualification or skills in higher education didactics</i>
Leadership	Promotion of junior researchers	<i>Experience in supervision and guidance of junior researchers</i>
	Leadership	<i>Employee leadership skills and experience</i>

Requirements profile “Biophysics”

	Gender mainstreaming	<i>Participation in relevant committees or relevant training</i>
Additional criteria	Academic networking	<i>Experience of local/national/international networking within the subject-specialist community (e.g. committees, expert panels, work with specialist journals)</i>
	Professional experience abroad	<i>Extended experience (at least 6 months) at a university/research institution outside the applicant’s home country, at doctorate level and beyond</i>

Job description and role responsibilities

Criterion	Expected achievements
Research	<i>Further development and representation of biophysics in research and teaching; Participation in the university’s BioHealth Field of Excellence and the strategic inter-university cooperations NAWI Graz and BioTechMed-Graz; Integration with and reinforcement of the Institute’s existing fields of research.</i>
Publications	<i>Publications principally in specialist journals with high international visibility (peer-reviewed, indexed), maintaining a consistent rate of output.</i>
Third-party funding	<i>Success in attracting competitively awarded research projects (e.g. Austrian Science Fund/EU/industry etc.)</i>
Open Access¹	<i>Open-access publications (“green” and “gold” models) or involvement in open-access journals</i>
Courses	<i>As a general rule, 8 semester hours/semester courses at bachelor’s/master’s level (/doctorate level in the fields of Molecular Biology, Biochemistry and Molecular Biomedicine, and Molecular Microbiology).</i>
Final papers	<i>Supervision of final papers at bachelor’s, master’s and doctoral levels to an extent proportionate to the number of enrolled students</i>
Teaching	<i>Contribution to basic teaching for the bachelor’s programme in Molecular Biology</i>
Reputation	<i>Contribution to raising international visibility in research and teaching</i>
Promotion of junior researchers	<i>Supervision and guidance of junior researchers to the level of associate professor and contribution to structured doctoral teaching, particularly through active involvement in the Doctoral School of Biochemistry and Molecular Biology</i>
Didactics in higher education	<i>Training in higher education didactics</i>
Leadership	<i>Commitment to leadership responsibilities and involvement in academic self-administration</i>
Gender mainstreaming	<i>Contribution to implementation of the Equal Opportunities Strategy of the University of Graz or initiatives to promote young female academics or involvement in activities to improve equality of opportunities</i>
Transfer	<i>Outreach activities in knowledge transfer (e.g. open days, the “Long Night of Research”)</i>

¹ The University of Graz advocates publication in open-access journals. These should therefore also be correspondingly considered in the appointment procedure.