

# Requirements Profile

## Strategic positioning (profile)

The professorship supports and complements the research activities of molecular biosciences at the University of Graz. The focus is on molecular and cellular biochemistry, with emphasis on metabolic (patho)physiology (preferably in higher animal organisms) and with energy or lipid metabolism as possible research topics. This should ensure that this significant area of the institute is successfully continued and expanded. As head of this traditionally strong research group, the successful candidate is expected to play an important role in (applications for) major EU projects and Special Research Programmes.

The post holder should actively contribute to the “BioHealth” Field of Excellence as well as participate in the inter-university research networks NAWI Graz and BioTechMed-Graz. Furthermore, the professorship will be linked to the future Academy of Sciences Institute Cori (*Institute of Experimental and Computational Metabolism*). A strong commitment to teaching is also expected.

## Employment requirements

- Austrian or equivalent foreign higher education degree corresponding with the position (doctorate/PhD)
- Habilitation or equivalent qualification in a field matching the profile of the position to be filled
- Outstanding academic qualifications in research and teaching in the relevant discipline and for the profile of the professorship (commensurate with stage of academic career)
- Success in attracting subject-specific project grants, particularly where competitively awarded third-party funds are concerned
- Skills in higher education didactics and online teaching
- Skills in the supervision and guidance of early career researchers
- Professional experience abroad during academic career
- Management and leadership experience
- Gender mainstreaming skills
- Excellent command of English and experience with scientific publishing in English

We plan to conduct a Teaching Skills Assessment including a lecture as part of the applicant’s presentations.

## Expected qualifications profile (portfolio)

	Criterion	Objective
<b>Research</b>	<b>Research profile</b>	<i>Ability to further develop the field of molecular and cellular biochemistry with a focus on the (patho)physiology of lipid and energy metabolism in close connection to the research fields in Graz.</i>
	<b>Publications</b>	<i>Active and internationally visible publication record with high impact and status in this discipline; mention of the 5 most important publications</i>

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	<b>Third-party funds</b>	<i>Success in attracting competitive research projects with national or international funding</i>
<b>Teaching</b>	<b>Knowledge transfer</b>	<i>Experience in teaching courses at bachelor’s/master’s (diploma, teaching degree)/doctorate level in the fields of biochemistry, molecular biology, molecular physiology and pathophysiology</i>
	<b>Final papers</b>	<i>Experience in supervision of final papers at master’s (diploma)/doctorate levels</i>
	<b>Higher education didactics</b>	<i>Qualification or skills in higher education didactics</i>
<b>Leadership</b>	<b>Promotion of junior researchers</b>	<i>Experience in supervision and guidance of young researchers</i>
	<b>Leadership</b>	<i>Employee leadership skills and experience</i>
	<b>Gender Mainstreaming</b>	<i>Participation in relevant committees or relevant training</i>
<b>Additional criteria</b>	<b>Academic networking</b>	<i>Experience of local/national/international networking within the subject-specialist community (e.g. committees, expert panels, work with specialist journals)</i>
	<b>Professional experience abroad</b>	<i>Relatively long (at least 6 months) occupation at a university/research institute outside of the homeland during the academic career</i>

## Job description and role responsibilities

	<b>Criterion</b>	<b>Operationalisation</b>
<b>Research</b>	<b>Research</b>	<i>Further development and ability to represent the field biochemistry in research and teaching; Participation in the university’s “BioHealth” Field of Excellence and the strategic inter-university cooperations NAWI Graz and BioTechMed-Graz; Networking with and reinforcing the Institute’s existing fields of research. Collaboration with the future Academy of Sciences Institute Cori.</i>
	<b>Publications</b>	<i>Publications principally in specialist journals with high international visibility (peer-reviewed, indexed), maintaining a consistent rate of output.</i>
	<b>Third-party funds</b>	<i>Success in attracting competitively awarded research projects (e.g. Austrian Science Fund/EU/industry etc.)</i>
	<b>Open Access (optional)<sup>1</sup></b>	<i>Open-access publications (“green” and “gold” models) or involvement in open-access journals</i>
<b>Teaching</b>	<b>Courses</b>	<i>As a general rule, 8 semester hours/semester courses at bachelor’s/master’s/doctorate levels in the subject areas of molecular biology, biochemistry and molecular biomedicine, molecular microbiology.</i>
	<b>Final papers</b>	<i>Supervision of final papers at bachelor’s/master’s/doctoral levels to an extent proportionate to the number of enrolled students</i>
	<b>Teaching (optional)</b>	<i>Contribution to basic teaching for the bachelor’s programme in molecular biology</i>
	<b>Promotion of junior researchers</b>	<i>Supervision and guidance of young researchers to the level of associate professor and contribution to structured doctoral training, particularly through active involvement in the Doctoral School of Biochemistry and Molecular Biology</i>

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	<b>Higher education didactics</b>	<i>If the post holder has no relevant qualification, teaching portfolio or teaching project, otherwise further training in higher education didactics is expected</i>
<b>Additional criteria</b>	<b>Reputation</b>	<i>A contribution to increasing international visibility in research and teaching</i>
	<b>Leadership</b>	<i>Commitment to leadership responsibilities and participation in academic self-administration</i>
	<b>Gender mainstreaming</b>	<i>Contribution to implementation of the equal opportunities strategy of the University of Graz or measures to promote junior female academics or participation in activities to improve equality of opportunities</i>
	<b>Transfer</b>	<i>Outreach activities in knowledge transfer (e.g. open days, the “Long Night of Research”)</i>