

DUTIES OF A LEADING RESEARCHER

Faculty of Medicine and Life Sciences of the University of Latvia

(part time position)

1. Name of the scientific field and subfield corresponding to the academic position: Chemistry, physical chemistry
2. Research areas:
 - 2.1. Solving the phase problem in crystallography using deep machine learning
 - 2.2. Improving methods for crystal structure optimization
3. Scientific, teaching and organizational work:

Work duties	Minimum requirements to be fulfilled within 6 years
3.1. Scientific work	Quantitative indicator
Anonymous peer-reviewed scientific publications in scientific journals or conference proceedings indexed in the SCOPUS or Web of Science Core Collection databases, indicating affiliation with the University of Latvia.	6 publications
Presentation of a paper at international scientific conferences in Latvia and abroad	6 presentations
Scientific management of, or scientific participation in, research and development projects.	2 projects
Management of, or participation in, contract research projects.	As needed
Promoting research results to the public and at events dedicated to science popularisation.	As needed
Providing consultations and expert opinions within one's area of expertise (as required by the faculty).	As needed
3.2. Teaching work	
Supervision of master's or bachelor's theses and the number of master's or bachelor's theses defended.	12 theses
3.3. Organizational work	
Participation in the preparation and submission of applications for scientific and academic projects, and securing financial resources.	3 projects

Participation in student recruitment events organised by the faculty.	As needed
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4. Language skills

Knowledge of the official state language.	C1
The other official languages of EU Member States	English: C1

Dean of the Faculty of Medicine and Life Sciences of the University of Latvia _____/ K. Jaudzems/

I have read and acknowledge that the fulfilment of these work duties will be evaluated every second year during the review period.

Date _____