



Biotechnology Center

Sebastian Student

DSc, PhD, Eng, Associate Professor

Director for Science Biotechnology Center

## DIRECTOR OF THE CENTER FOR BIOTECHNOLOGY OF THE SILESIAN UNIVERSITY OF TECHNOLOGY

announces a competition for the position of Associate Professor for a definite period  
at the Biotechnology Center

We are looking for postdoctoral researcher to conduct interdisciplinary research in the area of enzymology, protein engineering, inhibitors design, and structural biology. We wish to understand the differences in structure-function relationship in closely related enzymes to provide safe and specific inhibitors for particular pests.

### JOB DESCRIPTION:

1. Expression, purification and biochemical characterisation of transmembrane proteins
2. Biophysical characteristic of proteins including ligand binding analysis
3. Participation in the development of the Laboratory for Protein and Drug Design
4. Presentations of the results at international conferences
5. Supervision and mentoring of students

### APPLICATION MUST INCLUDE:

1. Application letter
2. Personal questionnaire
3. Diploma of obtaining a PhD degree in biological, chemical, biochemical or related fields
4. Curriculum vitae (CV) including a complete list of publications
5. Information on scientific and didactic achievements and the direction of its further activity
6. Opinion of an independent researcher regarding the candidate
7. Statement on the level of knowledge of an English language
8. Statement that the Silesian University of Technology will be the primary place of work
9. In the case of a candidate from outside the European Union recent working EU visa

### PROFIL OF CANDIDATE:

1. Documented scientific achievements in international journals in the field of microbiology, molecular biology, structural biology and/or enzymology
2. Documented participation in international scientific conferences and research projects
3. Fluent English (minimum B2),

Politechnika Śląska  
Centrum Biotechnologii

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+48 32 237 29 06  
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NIP 631 020 07 36

ING Bank Śląski S.A. o/Gliwice 60 1050 1230 1000 0002 0211 3056





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4. Knowledge of experimental techniques used in microbiology, structural biology, purification and modification of proteins, especially experience in isolating and obtaining transmembrane enzymes
5. Knowledge of computational methods, experience in working with insect expression systems and experience in working on alpha/beta hydrolases will be an additional advantage
6. High motivation and enthusiasm for research, independence, good organizational skills

**WE OFFER:**

1. Full-time employment under the fixed period employment contract for 2 years with the possibility to extend to 4 years in the research project OPUS entitled "Design of high selective and safe juvenile hormone epoxide hydrolases inhibitors targeting selected pests based on the combination of analysis of intramolecular voids dynamics and enzymes evolution study" led by dr hab. Artur Góra
2. International and multidisciplinary environment (microbiology, enzymology, entomology, organic chemistry, computational chemistry, bioinformatics, ecotoxicology)
3. Inspiring and friendly environment realising ambitious projects in the field of protein engineering, drug development, green chemistry and environmental protection
4. Opportunities for further carrier development

**SELECTED PUBLICATIONS:**

*Drug Discovery Today* **2021**, doi: 10.1016/j.drudis.2021.05.017

*Bioinformatics* **2020**, 36(8), 2599-2601, doi:10.1093/bioinformatics/btz946

*Chem Rev* **2013**, 113, 5871–5923, doi:10.1021/cr300384w

**FOR MORE INFORMATION PLEASE CONTACT:**

Artur Góra - [artur.gora@polsl.pl](mailto:artur.gora@polsl.pl) or [a.gora@tunnelinggroup.pl](mailto:a.gora@tunnelinggroup.pl)

WEB: [www.tunnelinggroup.pl](http://www.tunnelinggroup.pl), [www.aqueduct.pl](http://www.aqueduct.pl)

APPLICATION DEADLINE: position open until will be filled (optimal before 30.06.2022)

INTERVIEW: on request (optimal before 30.06.2022)

WHERE TO APPLY: hard copy – Biotechnology Centre, Secretary Office , H.0.16, ul. Krzywoustego 8, 44-100 Gliwice, POLAND or electronic version [rjo11@polsl.pl](mailto:rjo11@polsl.pl)

RESULTS ANNOUNCEMENT: as soon as possible (optimal before 30.06.2022)

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### Informative clause:

According to art. 13 of the Regulation on Personal Data Protection of 27 April 2016, please be informed:

1. The controller of your personal data is the Silesian University of Technology with its registered office at Akademicka 2A St, 44-100 Gliwice,
2. The Silesian University of Technology has appointed the Data Protection Officer who can be contacted via the email address: [iod@polsl.pl](mailto:iod@polsl.pl),
3. Your personal data will be processed in order to carry out the recruitment process for work at the Silesian University of Technology,
4. the basis for the processing of your personal data is art. 221 of the Labour Code and, if you agree to use your CV in future recruitments at the Silesian University of Technology, art. 6 clause 1 point a of the GDPR Regulation shall apply,
5. only employees authorized to process personal data to the necessary extent will have access to your personal data within the organizational structure of the Silesian University of Technology,
6. Your personal data shall not be disclosed to other entities, except in cases provided for by law,
7. Your personal data shall be stored for the period necessary to carry out the recruitment process or for the next 9 months from the end of the recruitment process, if you authorize the processing of personal data in future recruitment processes,
8. You have the right to request the access to the content of your data and, to the extent provided for by applicable regulations, the right to: rectify, delete, limit processing, raise objections; if you consent to the processing of data, you have the right to withdraw your consent at any time,
9. You have the right to lodge a complaint with the President of the Office for Personal Data Protection if you feel that the processing of your personal data violates the provisions of the General Data Protection Regulation,
10. providing data is voluntary, but necessary to achieve the purposes for which they are collected.

  
Dyrektor  
Centrum Biotechnologii  
**dr hab. inż. Sebastian Student, prof. TS**

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