



KSN 3/2024

Kraków, 18.04.2024

## Adjunct in the Theoretical and Experimental Biocatalysis group

- Employer: Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences, Krakow, Poland
- Research field:  
Chemistry > biochemistry.
- Researcher profile: R2, R3
- Deadline for applications: 20.05.2024, 3:00 pm GTM+1
- Place: Poland, Kraków
- Type of Contract: 12 months with the possibility of extension
- Job Status: Full-time
- Working hours/week: 40
- Start of employment: 01.08.2024
- Key Words: proteins, protein purification, chromatographic methods, stress granules, protein phase separation, nucleation, amyloids

Jerzy Haber Institute of Catalysis and Surface Chemistry PAS invites applications for an Adjunct in the Theoretical and Experimental Biocatalysis group. The candidates who meet the conditions stated in the act "Ustawa o Polskiej Akademii Nauk" dated 30 April 2010 (Dz.U. 2018 poz. 1475 z póź. zm.), art 89. Ust. 3 for the position of Assistant are encouraged to apply for the position.

The candidate's task will be to develop and conduct research on protein phase separation phenomena, the formation of their aggregates and the impact of chemical compounds on these processes.

In particular, the duties of the Assistant Professor will include:

- protein production by overexpression,
- protein purification using chromatographic methods,
- protein phase separation nucleation testing
- studies of protein phase separation kinetics
- examining the influence of small and large molecular compounds on the separation of protein phases
- preparing scientific publications.



### Required education:

The candidate should have a doctoral degree in chemistry, biology or related disciplines.

### Skills/qualifications:

1. knowledge of protein purification methods;
2. knowledge of proteins biochemistry;
3. knowledge of methods for examining protein phase separation kinetics;
4. knowledge of methods for examining the influence of small and large molecular compounds on the separation of protein phases;
5. knowledge of methods for examining amorphous protein aggregates and amyloid fibers
6. ability to conduct independent scientific work

### Specific requirements:

1. An application.
2. Completed and signed “Consent to the processing of personal data for the needs necessary to carry out the recruitment process” in accordance with the Act of 29 August 1997 on the protection of personal data (t.j. Dz. U. z 2016 r. poz. 922, z 2018 r. poz. 138, 723.) [[FORM](#)] and “Information obligations – recruitment of a perspective employee/collaborators” confirming acquainting with its content [[FORM](#)].
3. A copy of scientific degree certificate.
4. Full CV (including information on maternal leaves, voluntary work and periods of work in the industry).
5. At least one opinion on the Candidate given by an independent researcher.
6. List of scientific achievements (scientific papers, patent, patent applications, grants, etc.).
7. The Candidate’s report on his/her scientific interests and research aims (an A4 page).

### Languages:

Good command of the English language in speech and writing.

### Research experience:

4-10 years of experience in research in the field of biochemistry, biological chemistry or related fields.



Instytut Katalizy i Fizykochemii Powierzchni  
im. Jerzego Habera  
Polskiej Akademii Nauk



HR EXCELLENCE IN RESEARCH

## Additional information:

### Remuneration:

The gross salary **6850 PLN/month** (roughly 1600 Euro/month) depending on the Candidate's experience.

### Eligibility criteria:

- Documented experience in conducting scientific research in the field of biochemistry, biological chemistry or related fields, confirmed by a list of publications in journals from the Journal Citation Reports list (0-10 points). Minimum number of points required: 5;
- Knowledge of protein purification techniques (0-5 points). Minimum number of points required: 3;
- Knowledge of techniques for study protein phase separation kinetics (0-5 points). Minimum number of points required: 2.

### Selection process:

Applications should be sent in electronic form to: sekretariat@ikifp.edu.pl with the subject title „Biocatalysis KSN 3/2024”

Deadline for applications: **20.05.2024 at 3:00 pm GTM+1**. The competition will be settled by **25.05.2024**. The candidates will be notified of the results.

The employment will be proceeded with accordance to the rules of Labour Code for 12 months.

In the case of candidates with equivalent qualifications or a need for further clarification of information provided selected candidates will be asked to participate in an on-line interview.

### Additional information:

The Institute has been adapted to the needs of the disabled. The Institute does not provide accommodation.

Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, awarded the HR Excellence in Research Award by the European Commission in recognition of ongoing commitment to adopt the principles of The European Charter for Researchers (ECR) and a Code of Conduct for the Recruitment of Researchers (CCRR) fully supports and applies open, transparent and merit-based recruitment ([OTM-R](#)) procedures. The Institute is dedicated to implementing and strengthening the [OTM-R policy](#) as one of the pillars of the ECR and CCER and one of the crucial components of the Human Resources Strategy for Researchers ([HRS4R](#)).

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