



Institute of Biochemistry and Biophysics PAS, Genetic Department is opening a call for a position of a **doctoral researcher**

The laboratory headed by Dr. Ulrike Topf is looking for a **PhD student**. You will join the project entitled **“How does ribosome heterogeneity contribute to cellular stress defense?”** funded by the Polish National Science Centre under Sonata Bis grant UMO-2019/34/E/NZ1/00367.

Our laboratory conducts fundamental research in cell and molecular biology using yeast and *C. elegans* as model organism. We are interested in the identification and characterization of mechanisms that help to maintain cellular protein homeostasis. For more information about us see www.topf-lab.org/

The project aims to identify variations in ribosomal protein composition of the cytosolic ribosomes and the analysis of consequences of heterogeneity in ribosomes for the identity of newly synthesized proteins upon cellular stress. As a Phd student you will learn biochemical techniques to analyse the process of translation in *in vitro* and *in vivo* system, learn to perform and interpret ribosome fractionation experiments and analyse ribosome associated mRNAs in a candidate-based approach. Your participation in writing scientific papers, reports and presenting the project in internal and external meetings is expected.

Our laboratory is located in the Institute of Biochemistry and Biophysics, Polish Academy of Sciences in Warsaw (www.ibb.waw.pl/en) – one of the top-ranked biological institutes in Poland and is part of a vivid research environment within the large biomedical campus. The scientific interests of IBB cover classical biochemistry, biophysics, physiological chemistry, molecular biology, and bioinformatics. IBB possesses in house large facilities that provide support with performing mass spectrometry and data analysis, generation of oligonucleotides and sequencing, transcriptomic facility and fluorescent microscopy suite. The institute offers language courses including polish for foreigners to facilitate the integration of researches from foreign countries.

Requirements for the candidate:

- Master degree obtained within 2 years before announcement of the position.
- Master degree in biology with focus on biochemistry, cell biology, genetics.
- Has motivation for experimental work.
- Is proficient in spoken and written English.
- Previous experience with yeast research will be of advantage but is not mandatory.

We offer:

- Stipend for 4 years in the amount of 3 000 PLN/month (Netto)
- The position with 100% focus on research (no teaching obligations)
- Work in a young, active and international team

The deadline for applications is **July 31st, 2020**. The job starting date is October 1st, 2020 (start is negotiable).

How to apply:

- **Apply now** to jobs@topf-lab.org
- In the subject include **"PhD"** and your first and last name.
- Your application must be submitted in English and should contain:
 - motivation letter
 - CV including scientific achievements and a short description of research projects conducted so far including used methodology
 - copy of Master degree



Institute of Biochemistry and Biophysics

Polish Academy of Sciences

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- List of academic grades, if available
 - Letter of reference or contact details to 1 potential referee
- All documents should be merged in a single pdf file.
- **Please include the following statement in your application:** I hereby give my consent for the processing of my personal data by the Institute of Biochemistry and Biophysics PAS with its seat in Warsaw Pawińskiego 5a, 02-106 hereinafter referred to as the Institute for the purpose of the recruitment process and for future recruitment processes conducted by the Institute under Art. 23 ust 1 pkt 1 of the Personal Data Protection Act dated on 29 August 1997, consolidated text: Journal of Laws 2016, item 922 with further amendments and under Art. 6 ust.1 lit. a of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such GDPR (Dz. U. UE. L. z 2016 r. Nr 119)”

Selected candidates will be invited for an interview (possible on-line).

Applications submitted after the deadline will be still considered if the position is not filled.