

The laboratory headed by Dr. Ulrike Topf is looking for a **postdoctoral researcher**. You will join the project entitled **“Molecular function of zinc storage in ribosomal proteins of eukaryotic cells”** funded by the Polish National Science Centre under OPUS 23 grant 2022/45/B/NZ1/03714.

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](http://www.topf-lab.org)

Within the project you will explore molecular mechanisms of zinc homeostasis during aging and how zinc supplementation influences the health and stress resistance of the nematode *C. elegans*. The active participation in writing scientific papers and presentation of the project in internal and external meetings is expected.

#### Requirements for the candidate:

- Holds a Doctoral degree/ PhD in biology, chemistry, biochemistry or related life science field for not more than 4 years before the position announcement.
- Has solid knowledge in molecular and cell biology.
- Has motivation for experimental work, passion for science.
- Is proficient in spoken and written English.
- Experience in at least one of the following methods will be of advantage:
  - sample preparations for proteomics and data analysis; purification of ribosomes; spectroscopic analysis of metal ions; fluorescent microscopy
- Previous experience with yeast and/ or *C. elegans* research will be of advantage but is not mandatory.
- Mobility and research experience abroad will be of advantage.
- Previous success in funding applications will be of advantage.
- Can present research achievements including at least one publication in an international journal.

#### We offer:

- Full-time employment contract for 3 years in the amount of 8500 PLN/month (gross)
- The position with 100% focus on research (no teaching obligations)
- Work in a young, active and international team in a collaborative work environment.
- Supportive English speaking administration and help with visa application if needed.
- Free language courses including Polish for foreigners.

The deadline for applications is **April 15th, 2023**. The job starting date is June 1<sup>st</sup> 2023.

#### How to apply:

- **Apply now** to [jobs@topf-lab.org](mailto:jobs@topf-lab.org)
- In the subject include **"PostDoc"** 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 PhD diploma
  - Contact details to 2 potential referees, including one of your PhD supervisor
  - **Please include the following statement in your application:** “In accordance with the personal data protection act from 29th August 1997, I hereby agree to process and to store my personal data by the Institution for recruitment purposes.”

Selected candidates will be invited for an interview (possible online). **Applications will be reviewed on a rolling-basis.** Applications submitted after the deadline will be still considered if the position is not filled.