

PhD student position offer in molecular and RNA biology

in the OPUS project “*IFIT proteins in the regulation of inflammatory responses*” of Dr Maria Górna

We are looking for a PhD student to work in the project #2021/41/B/NZ2/02708 on the role of IFIT2 complexes in the immune regulation in macrophages. The project aims to discover post-transcriptional mechanisms that regulate expression of cytokines at the first contact of immune cells with a pathogen. Our findings may have an impact on the diagnosis and treatment of autoimmune diseases or acute inflammatory reactions such as the "cytokine storm" accompanying COVID-19 morbidity.

Work in the project will include:

- cloning, mutagenesis, DNA, RNA and protein purification and further manipulation using standard molecular techniques (e.g. PCR, qPCR, Western blot), protein-RNA interaction studies *in vitro*
- cell culture, protein-RNA interaction studies in cell culture, antiviral and cytokine response assays, construction and characterization of cell lines, eCLIP and RNA sequencing.

Required qualifications:

- Master's degree in biology, biotechnology, chemistry or a related discipline.*
- Previous experience working in a molecular biology laboratory will be an advantage.
- Very good knowledge of molecular biology, biochemistry and cell biology.
- Very good level of written and spoken English.

The candidates should provide the following information with the application:

- Motivation letter,
- 2 Letters of recommendation (preferably) or e-mail contact details for 2 referees (including one from the thesis supervisor)
- CV including: grade average from the studies, awards, studentships, major conference presentations, internships, publications, and any other relevant information.
- Clause of consent (“I agree to the processing of personal data provided in my application (CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.”; Please sign and date the consent)
– see e.g. <http://www.chem.uw.edu.pl/oferty-pracy>

The offer includes a 4-year (**48 months**) studentship of **5000 PLN gross** (around 3780 PLN net)/month and the enrollment in the Doctoral school at the University of Warsaw. The position is available with a start at the earliest from March 2022, but no later than October 2022.

The application should be sent to recruit.gorna@gmail.com by **February 14th 2021** with a reference in the topic OPUS-PhD. The most promising candidates will be invited for an interview. See also <https://gorna.uw.edu.pl/en/jobs> for updates.

* Eligibility criteria: Certified copy of the diploma confirming graduation or a certificate confirming graduation (in the case of diplomas issued by foreign higher education schools, diploma stipulated in article 326, section 2, passage 2 or article 327, passage 2 of the act of July 20th, 2018 – Law on Higher Education and Science (Journal of Laws of 2018, item 1668, as amended), entitling to apply for conferment of a doctoral degree in the state in where such a certificate was issued by the relevant higher education school. In the event when the candidate is not in possession of the aforementioned documents, he/she is obliged to submit them prior to admission to University of Warsaw Doctoral School. See also <https://nawa.gov.pl/en/recognition/recognition-for-academic-purposes/applying-for-admission-to-doctoral-studies>