



Experimental and Translational Immunology group (DGO lab)
at the Intercollegiate Faculty of Biotechnology in Gdansk, Poland



Offer: Post-doctoral researcher 2

Experimental and Translational Immunology group (DGO lab, www.dgo.ug.edu.pl) seeks to recruit a talented and passionate individual to work on a COVID-19 project carried out in collaboration with the Malopolska Centre for Biotechnology and University of Oxford.



Project description:

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is a pathogen rapidly spreading worldwide causing a coronavirus disease pandemic (COVID-19). Since its transmission into our species only happened recently, the population worldwide is susceptible because of the lack of the so-called “herd immunity” that would restrict the spread of the infection. Numerous research groups are currently in the race to generate a vaccine that would provide protection; however much remains unknown about the virus and its interaction with the host. The project supported by the Foundation for Polish Science aims at generating a novel tool to stimulate virus-specific immune response to enhance elimination of infected cells. This is a collaborative research study carried out with the nanoengineering experts from the Malopolska Centre of Biotechnology.

Please note that this project *does not* involve working with the virus or samples from patients with active disease.

Details of employment:

- Full-time, up to 24 months (probatory period applies)
- Gross salary: ca. 7700 PLN/month gross (tbc, depending on experience)
- Preferred starting date: ASAP (negotiable)

Responsibilities:

1. Designing, planning, and carrying out experimental work under the supervision of Principal Investigator, maintaining regular and complete research notes
2. Scientific initiative and contribution through regular reporting and publishing, as well as presenting at group meetings, national and international conferences as required
3. Providing help and supervision to junior members of the group
4. Contribution to the efficient functioning of the lab including administrative and organizational tasks

Requirements:

1. Ph.D. in immunology, molecular biology, biology, biotechnology, chemistry, medical biology or similar (or expected to be awarded soon).
Please note that the funding institution (Foundation for Polish Science) regulations apply: the PhD degree must be obtained no earlier than 5 years before, counting from the year of the degree award to the year before the submission of the job application.
2. Hands-on experience in common laboratory techniques (e.g. immunology, microbiology, cell biology)
3. Interest in nanotechnology and its biomedical applications
4. Passion, ambition, and motivation for scientific development
5. Ability to work independently, in a team and in collaborative projects
6. Very good English language skills (written and oral) as required for scientific environment

Desirable:

1. experience in immunology research
2. experience with T cells and antigen presenting cells
3. good publishing track record

We offer:

1. The opportunity to contribute to the exciting research project on the urgent global health problem in collaboration with world-leading scientists
2. Excellent opportunity to extend and enrich personal scientific career track and acquiring multidisciplinary skills, including access to the cutting-edge equipment.
3. Opportunity to work in one of the best research institutions in Poland
4. Supportive environment and opportunity to realize research ambitions
5. Supervisory experience
6. Personal development of transferable skills
7. Flexible working time

Required documents:

1. CV (in English) documenting achievements, scientific degrees, publications, technical skills, research stays and other relevant experience
2. Document confirming the scientific degree
3. Cover letter (in English) documenting motivation and the most important scientific achievement of the candidate
4. Details of at least two individuals willing to provide references for the candidate

Deadline for submitting documents: 4th October 2020

Applications and informal enquires: [danuta.gutowska-owski\[at\]ug.edu.pl](mailto:danuta.gutowska-owski[at]ug.edu.pl); more details: www.dgo.ug.edu.pl

Please include in your application: *"I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended."*

Intercollegiate Faculty of Biotechnology (IFB), established between the University of Gdansk and Medical University is reputable for Biotechnology research and sustains productive interdisciplinary environment, fostering research and innovation.

The newly-built Institute of Biotechnology in Oliva Campus offers excellent research provisions, with access to core facilities and equipment necessary to conduct high quality research. <http://en.biotech.ug.edu.pl/>.



Gdansk and the "Tri-City". Together with Sopot and Gdynia, beautiful city of Gdansk on the Baltic coast offers both historical town as well as great infrastructure, good transport links and an airport within easy reach. Gdansk offers both academic and cultural excitement as well as modern lifestyle with a variety of entertainment options and miles of sandy beach.

