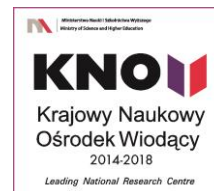




HR EXCELLENCE IN RESEARCH

 **INSTYTUT CHEMII BIOORGANICZNEJ**
Polskiej Akademii Nauk



JOB OFFER 3/2021/T

Position in the project:	Part-time Laboratory technician
Scientific discipline:	organic and bioorganic synthetic chemistry, chemical biology, enzymology, spectroscopy
Job type (employment contract/stipend):	Part-time work contract (1/4)
Number of job offers:	1 or 2 (depends on the experience)
Remuneration/stipend amount/month ("X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"):	Approx. 1600 PLN for 0.4 FTE or 800 PLN for 0.2 FTE of full remuneration costs (gross) depending on the
Position starts on:	02.02.2021
Maximum period of contract agreement:	Up to 9 months,
Institution:	Institute of Bioorganic Chemistry Polish Academy of Sciences
Project leader:	Dr Jacek L. Kolanowski
Project title:	<i>MultiGATE: dual-analyte responsive fluorescent probes for a real-time multi-parametric sensing in cellular</i> <i>Project is carried out within the HOMING programme of the Foundation for Polish Science</i>
Project description:	<p>Fluorescent probes allow for the visualization of chemistry in live cells with great spatial and temporal resolution and play an important role in at least 3 Nobel Prize-awarded discoveries in the last 10 years. Current probes focus primarily on single-analyte sensing, which is unable to capture the molecular complexity and heterogeneity of biological environments. We have developed a new form of multi-analyte fluorescent probes to more reliably visualise the molecular diversity of living systems.</p> <p>Over 95% of reported fluorescent probes are used only once and then never again, mainly due to their insufficient stability, performance and a lack of collaboration with the end users – biologists. Therefore, in our laboratory, we perform a full cycle from the design, to the synthesis and characterization in vitro, to validation in live cells. By working closely with biologists on many different models, we aim at making a real difference in the scientific progress and its practical impact on the field.</p> <p>Currently, in response to COVID-19 pandemics, we are also developing dual-analyte probes and assays for detection and rapid development.</p>
Key responsibilities include:	<ol style="list-style-type: none"> 1. Synthesis and spectroscopic characterization of single and dual-analyte probes (organic synthesis and/or spectroscopic characterization and/or 2. Bioanalytical validation of the probes in functional enzymatic and other biochemical assays as well as in cell-based assays 3. Every-day collaboration with experts (bioanalytica / automation etc) and other group members in the field of analytical chemistry/biology lab (in English for international students) 4. Regular reporting of the results and holding/participating in a meeting of the project sub-group
Profile of candidates/requirements:	<ol style="list-style-type: none"> 1. MSc / Hons or similar (or at least 2 years of practical experience in independent fluorescent probe synthesis and/or analytical validation of probes / small molecules in enzymatic / biochemical assays) 2. Thorough practical experience in organic synthesis and/or biochemical assays 3. Additional (advantageous) practical experience includes



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	<ul style="list-style-type: none"> - fluorescent spectroscopy - cell culture and cellular assays - solid phase peptide synthesis and/or enzymology and similar - Experience in the use of micro-well plate reader, including also experiment planning and data analysis <p>4. Very good English language skills (communicative in writing and speech)</p>
Required documents:	<ol style="list-style-type: none"> 1. Application letter addressed to the Director of IBCH PAS 2. CV with a list of referees who are willing to provide the reference 3. Motivation letter with a response to selection criteria 4. Copy of a MSc / Hons (or similar) 5. Other relevant attachments (optional)
We offer:	<ul style="list-style-type: none"> - Working in a dynamically-developing and international research team - Interdisciplinary research topic at the forefront of chemical biology with potential application in the fight against COVID-19 - 3 month contract with an option of prolongation to 9 months (subject to the performance and the needs of the Institute)
Please submit the following documents to:	<p>Link do e-recruiter; https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=84bc2e84</p>
Application deadline:	31.01.2021
For more details about the group please visit (website/webpage address):	http://jacek-kolanowski.com
Euraxess job/stipend offer (in case of PhD and postdoc positions):	

Please include in your offer:

„I hereby give consent to process my personal data included in my offer, for the purposes of the recruitment procedure, and to disclose the "recruitment results" section of the IBCH PAS website, by the Institute of Bioorganic Chemistry, Polish Academy of Sciences in Poznan, al. T. Kościuszki 4, 61-704 Poznan; REGON 000849327, NIP 777-00-02-062 (further referred to as the Institute). I acknowledge that the Institute hereby processes my personal data. I have been acquainted with all the consequences resulting thereof, in particular with the following facts:

1. For more details with regard to processing my personal data, I can contact the Data Protection Officer Please: dpo@ibch.poznan.pl
2. My personal data are processed for the purposes of the recruitment procedure.
3. Members of the relevant recruitment committees are recipients of my personal data.
4. My personal data shall not be transferred to any Third Party.
5. My personal data will be processed for the period of 28 days upon the date when the recruitment procedure is concluded. Following the end of the recruitment procedure, my personal data will be irretrievably and effectively destroyed, so that they can no longer be accessed or reconstructed by any means.

At the same time, I acknowledge that I have the right to request from the Institute access to my personal data and the right to amend the data. I also declare that I have been informed about my right to file complaint to a supervisory agency: i.e. prior to May 25th, 2018 – President of the Office for Personal Data Protection, in the case when the Institute processes my personal data, stipulated in the 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 data, and repealing Directive 95/46/EC”.*

*Please note that:



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• The Institute of Bioorganic Chemistry, Polish Academy of Sciences, Noskowskiego 12/14, 61-704 Poznan; REGON 000849327, NIP 777-000-000 (as the Institute) is the administrator of the personal data collected. Please contact the data protection officer for further details on personal data at dpo@ibch.poznan.pl.

- Personal data of the candidates are processed for the purposes of carrying out the recruitment procedure.
- Members of the relevant recruitment committees are recipients of the personal data of the candidates.
- Personal data of the candidates shall not be transferred to any third country.
- Personal data of the candidates will be processed for the period of 28 days upon the recruitment procedure is concluded. Following this period, the data will be irretrievably and effectively destroyed, so that they can no longer be accessed or reconstructed by any means.
- The candidates have the right to request from the Institute access to their personal data and the right to amend them.
- The candidate may at any moment withdraw the consent to process personal data. The data will then be irretrievably and effectively destroyed, so that they can no longer be accessed or reconstructed by any means, and the candidature shall not be further taken into account in the recruitment procedure.
- In any case, the candidate has a right to file complaint to the Inspector General for the Protection of Personal Data – Stawki 2, 00-193 Warszawa, tel: 22 531 03 00, fax: (+48) 22 531 03 01, e-mail: iod@uodo.gov.pl, regarding unlawful processing of personal data.

