



HR EXCELLENCE IN RESEARCH

## JOB OFFER 4/2021/T

Position in the project:	Part-time Laboratory technician / Research Assistant / post doc
Scientific discipline:	Analytical chemistry and biology, chemical biology, enzymology, spectroscopy
Job type (employment contract/stipend):	Part-time work contract (1/4)
Number of job offers:	1
Remuneration/stipend amount/month ("X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"):	1000-1500 PLN (total cost of employment – gross salary and taxes) depending on the experience (0.25 of
Position starts on:	01.03.2021
Maximum period of contract agreement:	3 months, with possible extension to 6 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>  <b><i>Project is carried out within the HOMING programme of the Foundation for Polish Science</i></b>
Project description:	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 analytes, which is unable to capture the molecular complexity and heterogeneity of biological environments. We are developing this technology in the form of multi-analyte fluorescent probes to more reliably visualise the molecular diversity of live cells.  Over 95% of reported fluorescent probes are used only once and then never again, mainly due to their insufficient performance and a lack of collaboration with the end users – biologists. Therefore, in our laboratory, we perform the development, from the design, to the synthesis and characterization in vitro, to validation in live cells. By working on our probes in many different models, we aim at making a real difference in the scientific progress and its practical application.  Currently, in response to COVID-19 pandemics, we are also developing dual-analyte probes and assays for detection and their development.
Key responsibilities include:	<ol style="list-style-type: none"> <li>1. Spectroscopic characterization of single and dual-analyte probes</li> <li>2. Analytical evaluation of probe's performance in vitro and in cellulo (including characterization on</li> <li>3. Designing, testing and validating molecular assays using developed probes and comparing it with</li> <li>4. Every-day collaboration with technician and other group members of bioanalytical lab (in English)</li> <li>5. Help in every-day coordination of bioanalytical work within the project</li> <li>6. Regular reporting of the results and holding/participating in a meeting of the project sub-group</li> </ol>
Profile of candidates/requirements:	<ol style="list-style-type: none"> <li>1. PhD in chemistry / biochemistry / analytical biology (or related) and/or at least 2 years of experience in the field of fluorescent probes</li> <li>2. Thorough practical experience in analytical chemistry (in particular, fluorescence, absorbance, us</li> <li>3. Experience in validation of probes on cellular models (cell culture etc)</li> <li>4. Experience in every-day student supervision and training in a laboratory of organic synthesis</li> </ol>



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	<ol style="list-style-type: none"> <li>5. Experience in scientifically coordinating a small research project will be an advantage</li> <li>6. Very good English language skills (communicative in writing and speech)</li> </ol>
Required documents:	<ol style="list-style-type: none"> <li>1. Application letter addressed to the Director of IBCH PAS</li> <li>2. CV</li> <li>3. Motivation letter with a response to selection criteria</li> <li>4. Copy of a PhD diploma (or a proof of the experience in synthesis)</li> <li>5. Other relevant attachments (optional)</li> </ol>
We offer:	<ul style="list-style-type: none"> <li>- Working in a dynamically-developing and international research team</li> <li>- Interdisciplinary research topic at the forefront of chemical biology with potential application in research against COVID-19</li> <li>- 3 month contract with an option of prolongation to 6 months (subject to the performance and the needs of the Institute)</li> </ul>
Please submit the following documents to:	<a href="https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=f7d5ac47">https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=f7d5ac47</a>
Application deadline:	24.02.2021
For more details about the group please visit (website/webpage address):	<a href="http://jacek-kolanowski.com">http://jacek-kolanowski.com</a>
Euraxess job/stipend offer (in case of PhD and postdoc positions):	

### Information clause:

*Pursuant to the stipulations of 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 (General Data Protection Regulation), further referred to as GDPR, we hereby inform that:*

- *The Institute of Bioorganic Chemistry, Polish Academy of Sciences, seated in Noskowskiego St. 12/14, 61-704 Poznań, NIP 777-00-02-062 is the administrator of the collected personal data (further referred to as the Institute).*
- *The Administrator appointed a Data Protection Officer, who can be contacted in writing, via traditional mail, by the following address: Z. Noskowskiego St. 12/14, 61-704 Poznań, or by sending an e-mail to: [dpo@ibch.poznan.pl](mailto:dpo@ibch.poznan.pl).*
- *The personal data of the candidates is processed for the purposes of fulfilling the tasks of the administrator, associated with the recruitment procedure for a vacant position.*
- *The legal basis for processing personal data is the Act of 26 June 1974 – The Labor Code, Act of 30 April 2010 on the consent of the person whose data shall be subjected to processing.*
- *Your personal data shall be subjected to processing for period of 3 months upon the date of decision of the recruitment committee. At the end of this period, the data will be irretrievably and effectively destroyed.*
- *The personal data of the candidates shall not be transferred to any third country.*
- *The person whose data shall be subjected to processing has the right to:*

*- request access to his/her personal data, and to amend it or delete it, pursuant to articles 15-17 of GDPR;*



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- 
- *limit data processing, in the events stipulated in article 18 of GDPR;*
  - *data transferring, pursuant to article 20 of GDPR;*
  - *withdraw consent at any moment, without influencing compliance with the law of the processing that was executed after withdrawal;*
  - *file a complaint to the Inspector General for Personal Data Protection.*

*Providing personal data in the scope stipulated in article 22 (1) of the Act of 26 June 1974 – The Labor Code is mandatory, while providing personal data in a broader scope is voluntary and requires consent for its processing.*

