



HR EXCELLENCE IN RESEARCH

## JOB OFFER

Position in the project:	Senior Laboratory Technician
Scientific discipline:	Molecular biology, imaging
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 PLN of full remuneration costs (gross) -> expected net salary at 650 PLN (approx. 150 EUR)
Position starts on:	01.09.2019
Maximum period of contract/stipend agreement:	3 months, with possible extension to 9 months – depending on the candidates’ performance (and progress of the project)
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 models</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 as such have played important role in at least 3 Nobel Prize-awarded discoveries in the last 10 years. Current probes focus primarily on the detection of single analytes, which is unable to capture the molecular complexity and heterogeneity of biological environments. The objective of this work is therefore to develop a new technology in the form of multi-analyte fluorescent probes to more reliably visualise the molecular diversity of living systems. These unique tools will be used to unravel the poorly understood biochemical differences between different types and stages of prostate cancer and therefore help improve diagnostic reliability and treatment efficacy of the disease, bringing the society closer to applying personalized medicine in the treatment of this and other diseases.</p> <p>Over 95% of reported fluorescent probes are used only once and then never again, mainly due to their insufficient characterization, poor performance and a lack of collaboration with the end users – biologists. Therefore, in our laboratory, we perform all stages of probes development, from the design, to the synthesis and characterization in vitro, to validation in live cells. By working closely with biologists to apply our probes in many different models, we aim at making a real difference in the scientific progress and its practical impact on the everyday life.</p>



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Key responsibilities include:	<ol style="list-style-type: none"> <li>1. Cell culture and preparation of cell samples for live cell imaging under confocal microscopy / for flow cytometry analysis</li> <li>2. Planning, performing and analyzing confocal microscopy imaging experiments and flow cytometry experiments on live cells for characterization and validation of fluorescent probes</li> <li>3. Every-day supervision and training of a PhD and MSc student in cell culture and microscopy / flow cytometry (in English for international students)</li> <li>4. Help in every-day coordination of biological work within the project</li> <li>5. 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 molecular biology or similar (or a letter from a supervisor/ current research institution confirming planned acquisition of a degree by 1.09.2109)</li> <li>2. Practical experience in cell culture and fluorescent / confocal microscopy imaging (including live cell imaging), experience in flow cytometry will be an advantage</li> <li>3. Experience in every-day student supervision and training in a cell culture, microscopy and/or flow cytometry</li> <li>4. Experience in scientifically coordinating a small research project will be an advantage</li> <li>5. 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 (in particular criteria 2 to 4)</li> <li>4. Copy of a PhD diploma</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</li> <li>- 3 month contract with an option of prolongation to 9 months</li> </ul>
Please submit the following documents to:	Dr Jacek Kolanowski ( <a href="mailto:jacek.kolanowski@ibch.poznan.pl">jacek.kolanowski@ibch.poznan.pl</a> ) as one PDF file
Application deadline:	31.07.2019
For more details about the position 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):	<a href="https://euraxess.ec.europa.eu/jobs/421297">https://euraxess.ec.europa.eu/jobs/421297</a>

Please include in your offer:

**I hereby give consent to process my personal data included in my offer, for the purposes and in the scope required for the recruitment procedure, and to disclose my name and surname in the "recruitment results" section of the IBCH PAS. I have been informed that the declaration herein constitutes a voluntary consent, and that I have the right to withdraw my consent at any moment, and withdrawal of my consent shall not influence the compliance with the law of**



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 **INSTYTUT CHEMII BIOORGANICZNEJ**  
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**the processing that has been executed prior to such withdrawal. I have also acquainted myself with information concerning data protection (information clause).**

**Attention: applications lacking the aforementioned consent shall not be deemed valid in the course of the recruitment procedure.**

### **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:*

- 1. The Institute of Bioorganic Chemistry, Polish Academy of Sciences, seated in Noskowskiego St. 12/14, 61-704 Poznan; REGON 000849327, NIP 777-00-02-062 is the administrator of the collected personal data (further referred to as the Institute).*
- 2. The Administrator appointed a Data Protection Officer, who can be contacted in writing, via traditional mail, by sending a letter to the following address: Z. Noskowskiego St. 12/14, 61-704 Poznan, or by sending an e-mail to: dpo@ibch.poznan.pl.*
- 3. The personal data of the candidates is processed for the purposes of fulfilling the tasks of the administrator, associated with conducting the recruitment procedure for a vacant position.*
- 4. The legal basis for processing personal data is the Act of 26 June 1974 – The Labor Code, Act of 30 April 2010 on the Polish Academy of Sciences or the consent of the person whose data shall be subjected to processing.*
- 5. Your personal data shall be subjected to processing for period of 3 months upon the date of decision of the recruitment committee. Following this period, the data will be irretrievably and effectively destroyed.*
- 6. The personal data of the candidates shall not be transferred to any third country.*
- 7. 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;*
  - 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 prior to consent 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, whereas providing data in a broader scope is voluntary and requires consent for its processing.*