HR EXCELLENCE IN RESEARCH
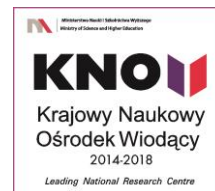
INSTYTUT CHEMII BIOORGANICZNEJ
Polskiej Akademii Nauk

Ministerstwo Nauki i Szkolnictwa Wyższego
Ministry of Science and Higher Education

KNO
Krajowy Naukowy
Ośrodek Wiodący
2014-2018
Leading National Research Centre

JOB OFFER 5/2021/T

Position in the project:	Part-time Laboratory technician / Research Assistant / post doc
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
Remuneration/stipend amount/month *("X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN")*:	1000-1500 PLN of full remuneration costs (gross) depending on the experience -> expected net salary at a (0.25 of the FTA)
Position starts on:	08.03.2021
Maximum period of contract agreement:	3 months, with possible extension to 8 months
Institution:	Institute of Bioorganic Chemistry Polish Academy of Sciences
Project leader:	Dr Jacek L. Kolanowski
Project title:	*MultiGATE: dual-analyte responsive fluorescent probes for a real-time multi-parametric sensing in cellular* **Project is carried out within the HOMING programme of the Foundation for Polish Science**
Project description:	Fluorescent probes allow for the visualization of chemistry in live cells with great spatial and temporal resolution important role in at least 3 Nobel Prize-awarded discoveries in the last 10 years. Current probes focus primarily which is unable to capture the molecular complexity and heterogeneity of biological environments. We have de form of multi-analyte fluorescent probes to more reliably visualise the molecular diversity of living systems. Over 95% of reported fluorescent probes are used only once and then never again, mainly due to their insufficie performance and a lack of collaboration with the end users – biologists. Therefore, in our laboratory, we perform from the design, to the synthesis and characterization in vitro, to validation in live cells. By working closely with many different models, we aim at making a real difference in the scientific progress and its practical impact on t Currently, in response to COVID-19 pandemics, we are also developing dual-analyte probes and assays for detect development.
Key responsibilities include:	1. Synthesis and spectroscopic characterization of single and dual-analyte probes (organic synthesi spectroscopic characterization 2. Every-day collaboration with technician and other group members in organic chemistry lab (in E 3. Help in every-day coordination of synthetic work within the project 4. Regular reporting of the results and holding/participating in a meeting of the project sub-group
Profile of candidates/requirements:	1. PhD in organic chemistry or at least 2 years of experience in independent fluorescent probes / pr 2. Thorough practical experience in organic synthesis 3. Experience in fluorescent spectroscopy 4. Experience in every-day student supervision and training in a laboratory of organic synthesis 5. Experience in scientifically coordinating a small research project will be an advantage 6. Experience in solid phase peptide synthesis and/or enzymology and similar will be an advantage

European Funds
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of Poland

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Polish Science

European Union
European Regional
Development Fund

	7. Very good English language skills (communicative in writing and speech)
Required documents:	1. Application letter addressed to the Director of IBCH PAS 2. CV 3. Motivation letter with a response to selection criteria 4. Copy of a PhD diploma (or a proof of the experience in synthesis) 5. Other relevant attachments (optional)
We offer:	- Working in a dynamically-developing and international research team - Interdisciplinary research topic at the forefront of chemical biology with potential application in against COVID-19 - 3 month contract with an option of prolongation to 8 months (subject to the performance and the
Please submit the following documents to:	Link do portalu e-recruiter (zostanie uzupełniony po zatwierdzeniu ogłoszenia) https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=45514477
Application deadline:	03.03.2021
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):	

- data transferring, pursuant to article 20 of GDPR;
- withdraw consent at any moment, without influencing compliance with the law of the processing that was execut
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 mand
data in a broader scope is voluntary and requires consent for its processing.