

## JOB OFFER

Position in the project:	Researcher/Post-doc in Bio-inspired Optoelectronics
Scientific discipline:	Polymer chemistry combined with molecular biosystems engineering and computational sciences
Job type (employment contract):	Full-time, temporary employment (end of 2023) with possibility to extend
Number of job offers:	1
Remuneration amount/month:	PLN 7 500-9 500 gross/month With full public health insurance and paid holidays
Position starts:	September 2022
Maximum period of contract/stipend agreement:	Till the end of 2023, with possibility to extend
Institution:	Lodz University of Technology - International Centre for Research on Innovative Biobased Materials (ICRI-BioM)
Project leader:	Prof. Alexander Steinbüchel, prof. Piotr Paneth
Project title:	International Centre for Research on Innovative Biobased Materials (ICRI-BioM). Project is carried out within the MAB PLUS – International research Agendas programme of the Foundation for Polish Science
Project description:	It aims at the creation of an excellent scientific unit that focuses on combining polymer chemistry with molecular biosystems engineering experimentally and with the aid of computational sciences.
Key responsibilities include:	<b>This post-doctoral position will involve a research project focused on the development of bioinspired organic materials emitting in near infra-red (NIR) range.</b>
Profile of candidates/requirements:	<p>The candidates should have completed their PhD (materials science, chemistry, physics, molecular biology, <i>etc</i>) degree not longer than 5 years prior.</p> <p><b>Expected skills include:</b></p> <ul style="list-style-type: none"><li>• Strong research background in one of the domains: materials science/materials chemistry, organic optoelectronics and/or optical spectroscopy,</li><li>• Expertise with the experimental techniques, e.g. spectroscopic methods (UV-Vis absorption and photoluminescence, IR, Raman) and structural/morphological investigation methods (SEM, TEM, AFM and other scanning probe methods),</li><li>• Experience in organic (opto)electronics, namely in fabrication and testing of thin-film devices (e.g. organic field-effect transistors, organic light-emitting diodes, organic photodetectors, etc.). Experience in electrical measurements and data analysis,</li><li>• Knowledge in chiroptical spectroscopy (electronic circular dichroism) or advanced thin-film deposition (e.g. inkjet printing and meniscus-guided deposition methods) is an additional asset.</li></ul>
Required documents:	<p>Interested candidates are requested to e-mail the following documents in a single PDF file. The e-mail should have a subject line: <b>POST DOCTORAL RESEARCHER in BIO-INSPIRED OPTOELECTRONICS.</b></p> <ul style="list-style-type: none"><li>• Application for employment to the Rector of Lodz University of Technology;</li></ul>

	<ul style="list-style-type: none"> <li>• Personal questionnaire for a person applying for employment at Lodz University of Technology, as provided in Annex no. 1.1 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;</li> <li>• Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;</li> <li>• Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;</li> <li>• Copies of diplomas;</li> <li>• Cover letter;</li> <li>• CV (up to 3 pages) which should include: the list of publications and main conference presentations, the list of research projects in which the candidate was involved, potential experience in grant proposal preparation and experience in academia-industry collaboration, contact data to two referees and other key achievements;</li> <li>• Research statement (up to 2 pages).</li> </ul>
We offer:	<p>Starting date September 2022  Contract until the end of 2023 (with conditional renewal)  Full public health insurance</p>
Please submit the following documents to:	<a href="mailto:piotr.sieczkowski@p.lodz.pl">piotr.sieczkowski@p.lodz.pl</a>
Application deadline:	August 15th, 2022
For more details about the position please visit (website/webpage address):	<a href="https://www.icri-biom.p.lodz.pl">https://www.icri-biom.p.lodz.pl</a>
Euraxess job/stipend offer:	<a href="https://euraxess.ec.europa.eu/jobs/814980">https://euraxess.ec.europa.eu/jobs/814980</a>

Processing personal data:

By submitting your application you agree with the following statement:

*"I hereby consent to have my personal data processed by the Lodz University of Technology with its registered office at ul. Zeromskiego 116, 90-924 Lodz for the purpose of carrying out a recruitment process and selecting an employee, and concluding a contract for employment at the Lodz University of Technology. I have been informed of my rights and duties*