

JOB OFFER

Position in the project:	Researcher/Post-doc in Functional Polymers
Scientific discipline:	Polymer chemistry combined with molecular biosystems engineering and computational sciences
Job type (employment contract/stipend):	Full- time, temporary employment (end of 2023) with possibility to extend
Number of job offers:	1
Remuneration/stipend amount/month (<i>"X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"</i>):	PLN 7 500-9 500 gross/month PLN 5 380 – 6 800 net/month With full public health insurance and paid holidays
Position starts:	After January 1st, 2022
Maximum period of contract/stipend agreement:	Till the end of 2023, with possibility to elongate
Institution:	Lodz University of Technology- International Centre for Research on Innovative Biobased Materials
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:	<p>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.</p> <p>This position will involve a research project at the intersection of organic chemistry and polymer chemistry. Topics including monomer synthesis and polymerization, as well as topics relating to post-polymerization modification.</p>
Key responsibilities include:	This post-doctoral position will involve a research project on the fabrication of antimicrobial polymers for food packaging applications.
Profile of candidates/requirements:	<p>Candidates should have completed their PhD degree not longer than 5 years prior. Expected skills include:</p> <ul style="list-style-type: none"> • Strong research background in polymer synthesis, biosensors, and food packaging. • Expertise with the analytical techniques like AFM, TEM, SEM, TGA/DSC, CLSM, and other polymer characterizations. • Experience in bio-chemical assays with HPLC, GC-MS, ICP-MS techniques • Hands on experience with thin film fabrication, electro-spinning, 3D printing, electrophoresis, cytotoxicity, antimicrobial (<i>in vivo / in vitro</i>) and fluorescent assays. • Knowledge on statistical analysis, and passion for multidisciplinary research.

Required documents:	Interested candidates are requested to e-mail the following documentation (in the pdf format): <ul style="list-style-type: none"> • Cover letter with a brief CV (up to 3 pages with the list of publications, conference presentations, experience in grant writing, industry collaborations, other key achievements, and two references) • Research statement (up to 2 pages).
We offer:	Contract through the end of 2023 (ca. 2 year contract, with conditional renewal) Starting date after January 1 st Contract until the end of 2023 (ca. 2 year contract, with conditional renewal) Full public health insurance
Please submit the following documents to:	Vignesh.kumaravel@p.lodz.pl
Application deadline:	December 31 st , 2021
For more details about the position please visit (website/webpage address):	lcri-biom.p.lodz.pl
Euraxess job/stipend offer (in case of PhD and postdoc positions):	https://euraxess.ec.europa.eu/jobs/709830

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