

## JOB OFFER

Position in the project:	Research Team Leader
Scientific discipline:	Chemistry or Biology
Job type (employment contract/stipend):	Remuneration under the contract of employment, part-time (50% involvement)
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> ):	10,000 PLN/ month - full remuneration costs, average monthly net salary at 6,050 PLN
Position starts on:	1.04.2020
Maximum period of contract/stipend agreement:	30 months
Institution:	Department of Plant Physiology, Genetics and Biotechnology, Faculty of Biology and Biotechnology, University of Warmia and Mazury In Olsztyn
Project leader:	Prof. Dr. Bogusław Buszewski
Project title:	<i>Advanced biocomposites for tomorrow's economy BIOG-NET</i>  <i>Project is carried out within the TEAM-NET programme of the Foundation for Polish Science</i>
Project description:	<p>The subject of the project concerns research related to the use of microorganisms to search for innovative solutions in modern technologies, especially in the design and production of new mixed nanocomposites, porous inorganic materials (metal-protein type), as well as biosynthesis and physicochemical characteristics of new materials based on zinc oxide nanoparticles and silver and biosilica doped with transition metal ions. As a consequence, it will enable its application use in the medical, cosmetic and material products industry.</p> <p>The research group is a consortium composed of six scientific units from Poland: Nicolaus Copernicus University in Toruń, Faculty of Chemistry (Consortium Leader), University of Warmia and Mazury in Olsztyn, Faculty of Biology and Biotechnology, Warsaw University of Technology, Faculty of Materials Science and Engineering, Białystok University of Technology, Faculty of Mechanical Engineering, University of Adam Mickiewicz, Faculty of Chemistry and University of Szczecin, Faculty of Earth Sciences.</p> <p>The primary objective of the University of Warmia and Mazury in Olsztyn Research Team will be to obtain new formulation of nanomaterials and nanocomposites with selected plant-derived compounds for plant production.</p>
Key responsibilities include:	<ol style="list-style-type: none"><li>1. Organizing, planning and managing scientific work of a scientific and research team (as well as building cooperation between Consortium members) in the area of interdisciplinary research in the field of plant chemistry, physiology and phytopathology</li><li>2. Analysis of the impact of selected bioactive plant substances, including those isolated from plants, on the stability of nanomaterials and biocomposites produced by Consortium members</li><li>3. Analysis of the mycostatic and/or mycotoxic activity of metal nanomaterials and nanocomposites against various fungal pathogens inhabiting pea and wheat seeds</li></ol>

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4. Increasing the efficiency of metal nanomaterials and nanocomposites by selected plant-derived substances
  5. Evaluation of the effect of seed treatment with developed mixtures of biocomposites on seed germination, seedlings growth and plant resistance to infections with selected fungal pathogens
  6. Development of new formulations specific for pea and wheat for seed treatments to protect plants against the most important fungal diseases
  7. Dissemination of scientific research results by publishing them in JCR journals and presentations during national and international scientific conferences
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Profile of candidates/requirements:

1. Experience in chemical / biological research of plant material, supported by publications
  2. Experience in working as a research and / or research and development project manager supported by publications and / or patents
  3. Promotional experience in doctoral studies (at least as a co-supervisor)
  4. Knowledge of analytical (methods of extraction, chromatography, mass spectrometry) and molecular techniques (including Real time PCR) used in plant material studies
  5. Persons employed at the UWM in Olsztyn during the last two years cannot participate in the competition
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Required documents:

1. Application for employment
  2. Curriculum vitae
  3. Consent to the processing of personal data ([https://www.umk.pl/pracownicy/dsp/sprawy/zatrudnienie/inf\\_kand/](https://www.umk.pl/pracownicy/dsp/sprawy/zatrudnienie/inf_kand/)). PDF format with a scanned original signature confirming the reading of the information
  4. Copy of the diploma of conferment of the doctoral or postdoctoral degree
  5. From 1 to 5 attachments enabling the assessment of the most important scientific and/or implementation achievements of the last 10 years, which are:
    - tabular list of publications (with co-authors, title, publishing, year, pages / or doi number),
    - copies of the 5 most important publications related to the subject of the research task,
    - full texts of patents (in the original language, achievements can not be patent applications) and/or implementations
  6. Description of the originality and breakthrough of the above-mentioned achievements and their impact on the development of given scientific areas and additionally a description of the achievements and results of the recently completed project
  7. Proposals for assumptions and research methods that will be the subject of R&D work of a research team managed by a given person as part of the implemented project together with an indication (if applicable) of foreign scientific partners with whom it intends to cooperate in the framework of the implemented project
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We offer:

1. Access to laboratories fully equipped with the research equipment required to perform the task and close cooperation with the other members of the Consortium.
  2. Attractive salary conditions and financial resources for running and establishing a research and development team. The total remuneration budget for the team leader and team members is PLN 1 065 000, while the
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remuneration budget for the doctoral student is PLN 288 000.

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Please submit the following documents to: Prof. dr. Bogusław Buszewski, e-mail: [bbusz@chem.umk.pl](mailto:bbusz@chem.umk.pl)  
Please write: " Leader UWM BIOG-NET" as the subject line of your email  
Candidates who receive a negative response about the recruitment result are entitled to appeal within 7 days. The appeal should be sent to: [bbusz@chem.umk.pl](mailto:bbusz@chem.umk.pl)

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Application deadline: 9.09.2019 (interview is planned on September, the possibility by Skype)

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For more details about the position please visit (website/webpage address): <https://www.chem.umk.pl/>

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Euraxess job/stipend offer (in case of PhD and postdoc positions): <https://euraxess.ec.europa.eu/jobs/435893>

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## INFORMATION ON THE PROCESSING OF PERSONAL DATA

Please be informed that:

1. The Administrator (Controller) of your personal data is the Nicolaus Copernicus University in Torun, based at 11 Gagarin Str., Poland (University).
2. The purpose of processing your personal data is to efficiently conduct the recruitment process for the position: .....
3. Categories of personal data recorded/collected include: first name (middle name) and surname, date of birth, addresses (home, term, e-mail), education and course of previous employment will be processed on the basis of art. 6 par. 1 lit. f) Regulation (EU) 2106/679 of the European Parliament and the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and the repeal of Directive 95/46 / EC (RODO), i.e. within the based on the legally justified interest arising from art. 221 of the Labor Code; in the remaining scope of personal data and information about you given by you, they will be processed on the basis of art. 6 par. 1 lit. a) RODO, i.e. based on consent.
4. The personal data provided by you will be kept for the duration of the recruitment process indicated above-mentioned position and will be destroyed immediately after its completion.
5. You have the right to request access to your personal data, rectification, deletion or limitation of processing, as well as the right to object to the processing and the right to transfer personal data processed in information systems.
6. You have the right to withdraw consent for the processing of personal data at any time, but remember that this does not affect the processing based on consent before its withdrawal.
7. Providing personal data by you is voluntary, but any refusal to provide such data or the lack of consent for its processing will, prevent you from participating in the recruitment process.
8. You have the right to lodge a complaint to the President of the Office for Personal Data Protection.
9. If you want to contact the University in matters related to the processing of your personal data, in particular, with filing an application for your rights, please use the email address: [iod@umk.pl](mailto:iod@umk.pl) or write to: NCU in Toruń, 11 Gagarin Str., PL- 87 100 Toruń, with the note "IOD".

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(date and signature)