

JOB OFFER

Job title:	post-doc
Discipline:	Life Science
Remuneration method (remuneration under an employment contract/ scholarship):	remuneration under an employment contract, full-time (100% commitment)
No. of job offers:	1
Remuneration / scholarship („PLN X0 000 full remuneration costs, i.e. the approximate amount of the net remuneration is PLN X 000”):	PLN 10,000 / month – full remuneration costs, average monthly net remuneration ca. PLN 5900
Job start date:	March/April 2021
Employment period:	Until 28.09.2023
Unit (department/ institute / faculty / university / organisation, city):	Institute of Biotechnology and Molecular Medicine in Gdańsk, Poland
Unit Head/ Team leader:	Prof. Dr Hab. Eng. Ryszard Buczyński / Dr Wioleta Białobrzaska
Project title:	„Nanosensors and imaging utilizing quantum effects – the synergy of glass and diamond for applications in the new generation of biodiagnostics” The project is implemented as part of the TEAM NET program of the Foundation for Polish Science.
Project description:	<p>The project entails the research of new materials, elements and photonic systems in which implanted colour centres or crystal diamond defects with specific magnetic and optical properties will be used. It will enable applications in socially important areas, e.g. the development of super-sensitive cancer cell detection and nano-labeling of biological substances.</p> <p>The project is implemented by a consortium of 4 partners: The University of Warsaw, Faculty of Physics (Consortium Leader); Jagiellonian University in Kraków, Faculty of Physics, Astronomy and Applied Computer Science; Gdańsk University of Technology, Faculty of Electronics, Telecommunications and Informatics, and the Institute of Biotechnology and Molecular Medicine.</p> <p>The Research Team at the Institute of Biotechnology and Molecular Medicine will work on developing strategies, methods, and technologies for functionalization various glass platforms with nanodiamonds. The team's work will be focused on challenges related to the progress in the field of biodiagnostics using photonics and ultrafast optics devices with shaped non-linearity.</p>
Key responsibilities include:	<ul style="list-style-type: none"> • carrying out experiments as outlined by the group leader at the IBMM (project Principal Investigator at the IBMM), • independently planning and executing research activities along the outlines defined by the project plan, • participation in developing novel analytical techniques and methods required to accomplish research goals, • initiating collaborations necessary for success of the research project, • engaging in scientific interaction with IBMM staff involved in other on-going projects,

	<ul style="list-style-type: none"> • managing laboratory resources efficiently and effectively • organizing and executing dissemination of research results in form of major conference contributions and publications • reporting to the Group Leader, the Project Management Committee and the Scientific and Economic Committee of the Project.
<p>Expectations of candidates:</p>	<ol style="list-style-type: none"> 1) doctorate degree (up to 5 years after degree) in a discipline related to the Project subject and in particular to the issues to be undertaken by the Research Team at the Institute of Biotechnology and Molecular Medicine (e.g. biotechnology, biology, molecular biology) 2) deep understanding of cellular biology and methods necessary to conduct research relevant to human physiology, <i>in vitro</i> diagnostics, immunology, oncology or systems biology 3) working knowledge of cell culture techniques, transcriptome analysis (e.g. qPCR, RNA-seq), proteome analysis (e.g. Western blot, mass-spec) 4) competence in statistical analysis of data (ideally, also coding skills in Python and/or R) 5) demonstrated excellence in research and scholarship at the international level as proven by publications and/or patent applications, 6) good collaboration skills, 7) ability to communicate well, convey ideas and concepts clearly and effectively, orally and in writing, 8) ability to independently plan and execute research activities along the outlines defined by the supervisor.
<p>List of required documents:</p>	<ol style="list-style-type: none"> 1. Cover letter (pdf with scanned signature) 2. Information on personal data processing - information clause and consent clause - in the form attached to the call for candidates (pdf with scanned signature) 3. CV 4. list of scientific publications from the last 5 years 5. minimum one, but not more than five attachments enabling the assessment of the most important scientific and or implementation achievements in the last 5 years, which are: <ol style="list-style-type: none"> a. full texts of publications (in the original language) or b. full text of patents (in the original language; patent applications don't qualify as achievements) or c. implementation descriptions 6. copy of the doctoral diploma or the doctorate degree certificate 7. candidate's declaration of consent to the candidate's personal data processing by the Institute of Biotechnology and Molecular Medicine

We offer:	<ul style="list-style-type: none"> • ability to pursue an independent research path as a post-doc in dynamically growing environment at IBMM, • participation in a highly ambitious project carried out in a well funded interdisciplinary consortium, • attractive working conditions and a competitive salary for the right candidates, • access to the expertise of IBMM in application-oriented research and development, • access to top research and academic networking at EU level and beyond, • additional training and full administrative support.
Additional information about recruitment (e.g. website address):	https://www.ibmm.pl/career
Link to the Euraxess website (applies to call for candidates for doctoral studies and for young doctors):	https://www.euraxess.pl/jobs/600152
Application submission address (email):	<p>Please send any enquires and applications to: careers@ibmm.pl please enter in the title: “QUNNA Research post-doc position”.</p> <p>Candidates discarded in the recruitment process have the right to appeal within 7 days. The appeal should be e-mailed to careers@ibmm.pl</p>
Deadline for applications:	March 02, 2021

Attachment 1:

Due to the entry into force of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016, IBMM requires all candidates replying to our job advertisements to include a clause requesting the candidate's consent to the processing of his or her personal data by the institution which carries out the recruitment process.

Please sign this document and attach it to you application. Applications submitted without it statement will NOT be considered.

DECLARATION

Pursuant to Article 13 of 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), University of Warsaw hereby informs:

1. The Controller of your personal data is the Institute of Biotechnology and Molecular Medicine (IBMM) with its registered office at Trzy Lipy 3, 80-172 Gdańsk;
2. The Controller has designated the Data Protection Officer who supervises the processing of personal data, and who can be contacted via the following e-mail address: iod@ibmm.pl;
3. Your personal data will be processed for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the IBMM;
4. The provided data will be processed pursuant to Article 221 § 1 of the Act of 26 June 1974 Labor Code (uniformed text: Dz.U. of 2018, item 917) and your consent for processing of personal data;
5. Provision of data in the scope stipulated in the Labor Code is mandatory, and the remaining data are processed according to your consent for processing of personal data;
6. The data will not be shared with any external entities;
7. The data will be stored until you withdraw your consent for processing of personal data;
8. You have the right to access your personal data, to rectify, erase them, restrict their processing, object to processing, and to withdraw the consent at any time;
9. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data.

I hereby consent to have my personal data processed by the IBMM for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the IBMM.

I have been informed of my rights and duties. I understand that provision of my personal data is voluntary.

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(place and date)

..... (signature of the applicant)