

JOB OFFER

Position in the project:	Postdoc positions Novel Radiopharmaceuticals for Medical Applications
Scientific discipline:	radiopharmaceuticals, chemistry, biology, biotechnology
Job type (employment contract/stipend):	full-time employment
Number of job offers:	2
Remuneration/stipend amount/month (<i>"X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"</i>):	11,250 - 15,000 PLN per month (at current exchange rate 2,200- 3,000 € per month); the details in each case depend on qualifications and experience, and the compensation is composed of the base salary, seniority addition, functional addition and project bonus). Read more about contributions in Poland at https://www.ncbj.gov.pl/en/hrcareer/contributions-poland
Position starts on:	January , 2023
Maximum period of contract/stipend agreement:	One year initial employment with extension after a positive evaluation
Institution:	NOMATEN CoE, National Centre for Nuclear Research (NCBJ)
Project leader:	Prof. Mikko Alava
Project title:	<i>This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857470 and Foundation for Polish Science International Research Agenda PLUS programme grant No MAB PLUS/2018/8 co-financed by the European Union under the European Regional Development Fund the Smart Growth Operational Programme.</i>
Project description:	 Centre of Excellence in Multifunctional Materials for Industrial and Medical Applications <p>NOMATEN Centre of Excellence (CoE) is formed through a scientific partnership between the National Centre for Nuclear Research (NCBJ-Poland), the French Alternative Energies and Atomic Energy Commission (CEA-France) and the Technical Research Centre of Finland (VTT-Finland) with joint financial support from the Foundation for Polish Science (FNP) and the European Commission. It is currently composed of 5 Research Groups and is directed by Mikko Alava. NOMATEN CoE focuses research on the development and assessment of innovative multifunctional materials for industrial and medical applications, and linked to the latter, is currently growing the "Radiopharmaceuticals" group.</p> <p>Its ambition: to build a team composed of world-leading researchers and young, highly motivated people who are passionate about developing of novel diagnostic and therapeutic approaches to defeat cancer disease.</p> <p>More about NOMATEN CoE and the detailed project descriptions at http://nomaten.ncbj.gov.pl</p>

Key responsibilities include:

NOMATEN Research Group „Radiopharmaceuticals” (leader dr. hab. Marek Pruszyński) is related to conducting studies in the field of development of novel diagnostic and therapeutic radiopharmaceuticals, starting from the reactor and cyclotron production of theranostic radionuclides and their separation from irradiated targets; through radiolabelling of various biomolecules or nanostructures; up to preclinical in vitro and in vivo evaluation demonstrating their diagnostic potential or therapeutic efficacy.

Research studies will be done in close collaboration with the research team of Radioisotope Centre POLATOM at NCBJ, a worldwide known manufacturer of radiopharmaceuticals, as well as with prominent scientists in the field of radiopharmaceutical sciences from CEA/JOLIOT partners in France and VTT in Finland.

Description of tasks:

- participation in experimental work conducted in the NOMATEN Research Group related to studies on development of diagnostic and therapeutic radiopharmaceuticals based on targeting biomolecules or nanoparticles as carriers for various radionuclides;
- development of new approaches for stable coupling of medically useful radionuclides to biomolecules either through chelating agents, prosthetic groups or nanoparticles;
- performing of in vitro cell assays and in vivo imaging or biodistribution studies;
- supervision over ongoing doctoral and master’s theses;
- writing projects, reports, publications and conference abstracts.

Profile of candidates/requirements:

Requirements:

- PhD in chemistry, biology, biotechnology or related field;

The recruitment is open to candidates who, at the time of submitting their applications, do not have a diploma confirming PhD, but who have a fixed date for obtaining this title before the planned date of employment.

PhD (no longer than for a period of 5 years from obtaining the degree)

If you have more experience and are interested in working for NOMATEN, please contact: magdalena.jedrzkiewicz@ncbj.gov.pl)

- documented scientific achievements in the form of peer-reviewed articles in JRC journals;
- fluent English, spoken and written, enabling efficient communication and preparation of scientific articles;
- strong motivation for scientific work and assimilation of new knowledge and technical skills;
- good interpersonal and communication skills, to be able to work in a multi-cultural environment both independently and as a part of a team

Would be appreciated experience in the field of:

- work with open radioactive sources;
- attaching various compounds to biomolecules;
- analytical methods (e.g. dialysis, HPLC);

	<ul style="list-style-type: none"> cell culture and cellular research (e.g. toxicity/proliferation assays, work with a flow cytometer, work with a fluorescence or confocal microscope).
Required documents:	<p>The application must include the following documents in English:</p> <ol style="list-style-type: none"> cover letter that explains the motivating factors for considering the position (max. 1 pp), CV with complete publication list, brief description of important scientific achievements and scientific outlook (max. 2 pp), two references letters, arranged by applicants and directly submitted by the letter writers before the application deadline, PhD diploma copy/scan or documents that prove that there is a fixed date for obtaining the title
We offer:	<p>Location: National Centre for Nuclear Research (NCBJ), ul.Andrzeja Sołtana 7, 05-400 Otwock, Poland (Suburb of Warsaw, efficient and free daily bus transport service provided).</p> <p>Work in international networks with research institutes and industrial companies.</p> <p>Access to the research potential of NOMATEN's three partners between NCBJ (Poland), CEA (France) and VTT (Finland).</p> <p>Some of the positions are for joint collaborative research with NOMATEN partners CEA (France) and VTT (Finland) and thus include extensive visits to the collaborating institution.</p> <p>Travel funds for participation in conferences and collaboration, attractive working conditions, atmosphere of teamwork, family-friendly environment with flexible working hours, support of an experienced local team in legal, financial and organisational issues as well as logistic support and advice related to working in Poland - enabling smooth relocation and equal opportunities.</p>
Please submit the following documents to:	magdalena.jedrkiewicz@ncbj.gov.pl
Application deadline:	November 30th, 2022
For more details about the position please visit (website/webpage address):	<p>The National Centre for Nuclear Research is awarded by "HR Excellence in Research". Recruitment in NOMATEN is based on OTM-R system (Open, Transparent and Merit-based recruitment practices in Research Performing Organisations).</p> <p>Candidates may be asked to provide additional documents. In the selection process, short-listed candidates will be interviewed in person or remotely.</p> <p>https://nomaten.ncbj.gov.pl/postdoc-position-novel-radiopharmaceuticals-medical-applications-1</p> <p>Contact person: dr hab. Marek Pruszyński, Research Group Leader (marek.pruszynski@ncbj.gov.pl)</p>
Euraxess job/stipend offer (in case of PhD, postdoc, leader and young leader positions):	https://euraxess.ec.europa.eu/jobs/858097

As an attachment to your application please sign and enclose the following declarations:

I agree to the processing of my personal data included in this application for the needs necessary to carry out the recruitment.

INFORMATION CLAUSE ON PERSONAL DATA PROCESSING:

1. The controllers of the personal data processed during the recruitment process are:
 - 1) National Center for Nuclear Research, ul. Andrzeja Sołtana 7, 05-400 Otwock and
 - 2) Foundation for Polish Science, ul. I. Krasickiego 20/22, 02-611 Warszawa.
2. The data protection officer can be contacted by using the following address:
 - 1) Personal Data Protection Officer, National Centre for Nuclear Research, Sołtana 7, 05-400 Otwock, Poland
 - 2) iod@ncbj.gov.pl
3. Providing data contained in recruitment documents is a condition for applying for a job at NCBJ.
4. Processing of the personal data for the purpose of filling the position listed in this announcement and to conduct subsequent recruitment is done on the basis of expressed consents. You have the right to withdraw your consent at any time, without affecting the lawfulness of the processing based on consent before its withdrawal.
5. Your personal data will not be made available to other data recipients.
6. Your personal data will not be transferred to a third country or to an international organization.
7. No automated individual decision-making and profiling as referred in Article 22 (1) and (4) GDPR is done during recruitment conducted by NCBJ. This means that no decisions regarding job candidates are made automatically and that no job candidate profiles are made.
8. In the case you have been unsuccessful in applying for the position listed in this announcement and you haven't given consent to store the collected personal data in the NCBJ recruitment database, your data will be erased no later than 12 years from the completion of recruitment process, but no longer than the date of the end of the durability period of the project, which will find its basis in the provisions governing project financing.
9. You have the right to access your personal data, request its rectification or erasure. Filing a request to erase data is tantamount to withdrawal from the recruitment process. You have also the right to request restriction of processing in cases specified in Article 18 GDPR.
10. You have the right to lodge a complaint with a supervisory authority (President of the Office for Personal Data Protection) about unlawful processing of your personal data. The right to file a complaint only concerns the lawfulness of the processing of personal data, not the recruitment process.