

JOB OFFER

Position in the project:	PhD Student
Scientific discipline:	bioorganic chemistry or related field
Job type (employment contract/stipend):	Scholarship
Number of job offers:	1
Remuneration/stipend amount/month ("X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"):	4500
Position starts on:	01/12/2018
Maximum period of contract/stipend agreement:	36 months
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Dr inż. Błażej Wojtczak
Project title:	Synthesis of trimethyl cap analogs modified with molecular rotors and their application in nuclear transport studies
Project description:	The trimethyl cap structure (TMG cap), which is located at the 5' end of snRNA serves as a nuclear localization signal (NLS). This signal is recognized by adaptor protein snurportin1, which together with the importin β , transport TMG capped snRNA to the nucleus. This nuclear transport may be used to deliver therapeutic oligonucleotides or other biologically important molecules to the nucleus. The aim of the project is the synthesis of TMG cap analogs, which will provide tools for the study of nuclear transport. Therefore, we plan to synthesize TMG cap analogs labeled with molecular rotors.
Key responsibilities include:	The position will involve design, synthesis and studying properties of novel nucleotide analogs and development of new synthetic methods for the preparation of nucleotide analogs. The project will involve synthesis of molecular rotors, TMG cap analogues modified with molecular rotors, TMG capped oligonucleotide conjugates, and studies on degradation and interactions with proteins.
Profile of candidates/requirements:	We seek motivated candidates with a MSc degree in (bioorganic) chemistry or related field, fluent English and a strong interest in chemistry of nucleotides and oligonucleotides. The successful candidate should have experience in organic synthesis and bioorganic/medicinal chemistry, knowledge of methods for compound purification and spectroscopic characterization. Skills in enzymatic assays, studying protein-ligand interaction by biophysical methods, and experience in biochemistry will also be appreciated.
Required documents:	<ul style="list-style-type: none"> - CV including a description of prior research experience - cover letter - a transcript of record from undergraduate studies - contact details (phone numbers and e-mails) for the persons that can

	provide recommendations - a list of publications and conference presentations
We offer:	- stipend/scholarship - total gross scholarship per month: 4500 PLN - employment period: 36 months with possibility of renewal
Please submit the following documents to:	Applications should be submitted by e-mail to Błażej Wojtczak and Jacek Jemielity (blazej.wojtczak@cent.uw.edu.pl, j.jemielity@cent.uw.edu.pl,) no later than 31st of October 2018 at 12:00 (GMT+1) with the term "Ph. D. student position SONATA" as email's topic. Following an initial screening of the applications, selected candidates will be contacted by e-mail for further recruitment steps. after successful recruitment, the candidate will have to obtain the status of PhD student at the Faculty of Chemistry of the University of Warsaw. The offers will be accepted until the laureate is announced. In the case of not signing the contract by the candidate, due to the resignation, we reserve the rights to choose the next candidate from the ranking list. We reserve the rights to invite the selected candidates only.
Application deadline:	31/10/2018
FNP programme	«NameOfTheFNP»
For more details about the position please visit (website/webpage address):	...Field completed by SEKRETARIAT...
Euraxess job/stipend offer (in case of PhD and postdoc positions):	...Field completed by SEKRETARIAT...

The Laboratory of Bioorganic Chemistry lead by prof. Jacek Jemielity at the Centre of New Technologies, University of Warsaw seeks to fill a Ph. D. student position to synthesize trimethylcap analogs modified with fluorescent molecular rotors as a part of ongoing interdisciplinary research project on nuclear import studies.

To allow us to process your data, please include the following statement in your application:

"I hereby consent to have my personal data processed by the University of Warsaw with its registered office at ul. KrakowskiePrzedmieście 26/28, 00-927 Warszawa for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw. I have been informed of my rights and duties. I understand that provision of my personal data is voluntary."

In accordance with 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 – general regulation on data protection (Official Journal of the EU L 119/1 of 4 May 2016) the University of Warsaw informs that:

1. The Administrator of your personal data is the University of Warsaw with its registered office at KrakowskiePrzedmieście 26/28, 00-927 Warszawa;
2. The Administrator 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@adm.uw.edu.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 University of Warsaw;

4. The provided data will be processed pursuant to Article 22(1) § 1 of the Act of 26 June 1974 Labour 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 Labour Code is mandatory (this is: name(s) and surname, parents' first names, date of birth, address of residence, correspondence address, education, previous employment);

6. The remaining data are processed according to your consent for processing of personal data;

7. The data will not be shared with any external entities, except for the cases provided for by law;

8. The data will be stored until you withdraw your consent for processing of personal data;

9. You have the right to access your personal data, rectify, erase, restrict its processing and to withdraw the consent at any time – the withdrawal of consent to processing data should be done in written form, acceptably by e-mail sent to hr@cent.uw.edu.pl;

10. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data

11. Your application will be archived and stored for auditing purposes;

12. The name of the selected candidate/s will be made public on the CeNT UW website in accordance with the requirements of the funding agency.