JOB OFFER

Position in the project:	**Postdoc**
Scientific discipline:	**Bioinformatician / Computational Biologist**
Job type:	full-time employment contract
Number of job offers:	1
Remuneration amount/month:	*expected net salary of up to 7 500 PLN*
Position starts on:	January – April 2019
Period of contract:	1 year
Institution:	**Centre of New Technologies, University of Warsaw, Warsaw, Poland**
Project leader:	**Dr Piotr Brągoszewski**
Project title:	**Cellular mechanisms handling failed mitochondrial protein translocation events** *Project is carried out within the FIRST TEAM programme of the Foundation for Polish Science*
Project description:	Project focuses on quality control mechanisms in biogenesis of the mitochondrial proteome. Most mitochondrial proteins originate from the cytosol and require active import into the organelle. Our current understanding of the import process is well detailed but little is known about quality control mechanisms that respond to the failed protein translocation events. The project's aim is to uncover and characterize this quality control mechanisms at the molecular level, and to understand the role of such response in physiology and pathology.
Key responsibilities include:	1. Analysis and integration of different types of NGS/omics data with main focus on transcriptomics. 2. Functional interpretation of results of omics experiments including pathway and gene set enrichment analysis, identification of clusters, generation and comparison of signatures, correlation with phenotypic features and clinical endpoints 3. Participation in experimental design and data analysis 4. Participation in data preparation for publication 5. Active participation in lab meetings, scientific seminars and conferences
Profile of candidates/requirements:	1. PhD degree (or equivalent) in bioinformatics, computational biology, biostatistics, biomedical informatics or a related field 2. Excellent knowledge of computational methods for the analysis, integration and interpretation of high-throughput biological data from sequencing and array-based technologies 3. Excellent programming, data analysis and data visualization skills in R/Bioconductor; python/perl programing 4. Familiarity with Linux/Unix command line and high-performance computing environments 5. Sound understanding of biology 6. Very good command of English

	7. Motivation and passion for research work 8. Experience with the application of machine learning methods to biomedical data; experience with automated biological imaging data processing; experience with manuscript preparation will all be considered a plus
Required documents:	1. Motivation letter (in English) 2. *CV* including research record (in English) 3. Contact details of the scientific supervisor and other referee/s if available
We offer:	- Participation in an exciting research project - Work in young, diverse, active, team in the excellent scientific environment and with a good access to research infrastructure - Participation in courses and conferences
Please submit the following documents to:	biomitrecruitment@cent.uw.edu.pl
Application deadline:	**December 10th, 2018** We continuously monitor for applications and may consider applications submitted after the deadline until position is filed. We will contact selected candidates only.
FNP programme:	First TEAM
For more details about the position:	Substantive inquiries can be addressed directly to the project leader Dr. Piotr Brągoszewski piotr.bragoszewski@cent.edu.pl
Euraxess job offer:	

Please include in your offer:

"I hereby consent to have my personal data processed by the University of Warsaw with its registered office at ul. Krakowskie Przedmieście 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."