UNIWERSYTET JAGIELLOŃSKI
W KRAKOWIE

NAWA
NARODOWA AGENCJA WYMIANY AKADEMICKIEJ

COMPETITIVE SELECTION PROCESS NOTIFICATION

THE DEAN OF THE
FACULTY OF PHYSICS ASTRONOMY
AND APPLIED COMPUTER SCIENCE
Registered office: ul Prof. Łojasiewicza 11
30-348 Kraków, Phone: 12 664 4890

Krakow, December 3rd January, 2022

RECTOR
of the Jagiellonian University
announces a competitive selection process for the post of a
RESEARCH ASSISTANT
in the research staff group
at the Institute of Theoretical Physics
of the Faculty of Physics, Astronomy and Applied Computer Science
academic field **biophysics**
in the project of Polish National Agency for Academic Exchange (NAWA), Polish Returns
"Principles of information decoding in developmental systems"
(principal investigator: Marcin Zagórski, PhD)

The competitive selection process is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.4) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 166 of the Statute of the Jagiellonian University:

1) Holding at least a Master's degree, Master of Science degree or an equivalent degree.
2) Exhibiting aptitude for research work.

Additional requirements:

1) MSc or PhD in physics, mathematics, computer science or similar.
2) Interest in the interdisciplinary aspect of the project.
3) Experience with numerical solvers (C++, Python, or Mathematica).
4) Good communication skills.
5) Experience in complex systems or biological networks will be an asset.

Project description:

Development of multicellular organisms is a remarkably reproducible process. During development cells are exposed to chemical cues that determine cell fate with positional precision of a few cell diameters. How this reproducibility is achieved is a fundamental question that is still poorly understood. In the project this question is addressed by applying analytical and numerical methods to model specific biological systems. Identification of principles of information decoding in developmental systems, can have substantial impact in studies in a broad range of tissues and stem cell systems.

Key responsibilities:

1) Proposing and analyzing models of developing tissue with the use of analytical and numerical methods.
2) Making model predictions that can be verified experimentally in selected biological systems.
3) Participation in overall scientific activity of the research group.

We offer:

Possibility to take part in the interdisciplinary research realized in collaboration with experimental labs. The research visits in foreign institutions and participation in international conferences are planned. As a group we also take part in different scientific activities that help to build a set of skills important for a future researcher. More details can be found at https://zagorskigroup.com/.

Terms of employment:

Full time employment for initial 12 months with possible extension depending on external funding. Competitive salary depending on qualifications and scientific experience. Starting date, March 2022.

The candidates, who would like to take part in the competitive selection process, should submit the following documents to the project principal investigator dr Marcin Zagórski (e-mail: marcin.zagorski@uj.edu.pl):

1) cover letter
2) scientific CV including list of publications
3) one letter of recommendation

Additional documents needed during the employment process:

1) personal questionnaire filled in by the candidate;
2) copy of the master's diploma or a doctoral diploma, if applicable;
3) latest performance evaluation form, if the candidate was subject to such evaluation;
4) declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work, should they be selected in the competitive selection process;
5) declaration under Article 113 of the Law on Higher Education and Science;
6) declaration on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University;
7) information regarding processing of personal data;

Opening date: **January 3rd, 2022.**

Application submission deadline: **February 7th, 2022.**

The competitive selection process will be concluded by **February 14th 2022**. Candidates may be asked for additional information or to hold an interview with selection committee members. In the absence of satisfactory offers, the competition may be extended. For additional information related with the project, please contact Marcin Zagórski at marcin.zagorski@uj.edu.pl.

The Jagiellonian University does not provide housing.

Declaration forms can be obtained at:
http://www.cso.uj.edu.pl/-nauczyciele

On behalf of
the Rector of the Jagiellonian University

Dean of the Faculty of Physics, Astronomy and Applied Computer Science

Prof. dr hab. Ewa Gudowska Nowak

Personal data processing information for job applicants

According to Article 13 of the 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 – hereinafter GDPR), the Jagiellonian University informs that:

1. The Administrator of your personal data is the Jagiellonian University with its registered office in Gołębia 24, 31-007 Kraków, respresented by the Rector of UJ.
2. The Jagiellonian University appointed the Data Protection Officer www.iod.uj.edu.pl, Gołębia 24, 30-007 Kraków. The Officer can be contacted by email: iod@uj.edu.pl or at the telephone number 12 663 12 25.
3. Your personal data will be processed in order to:
   a. conduct recruitment process for the position specified in the advertisement of 03.01.2022 – as part of the legal obligation of the Administrator pursuant to Art. 6 (1) lit c of the GDPR in connection with the Polish Labour Code;
   b. conduct recruitment process for the position specified in the advertisement based on your consent pursuant to Art. 6 (1) lit a of the GDPR – your consent is granted by the clear action of submitting your CV with the Administrator. The consent to the processing of personal data concerns data that you voluntarily provide as part of your CV, which do not result from Polish Labour Code.
4. The obligation to provide your personal data results from the law (it applies to personal data processed under Article 6 (1) lit c of the GDPR). Failure to provide you personal data will result in your inability to take part in the recruitment process. Submission of personal data processed on the basis of consent (Article 6 (1) lit a of the GDPR) is voluntary.
5. Your data will be processed during the recruitment period. In the event of not concluding the contract with you, your data will be deleted after the recruitment process.
6. You have the right of access to the content of your personal data, as well as the right to correct, delete, restrict processing, transfer, object to processing – on the terms and conditions set out in the GDPR.
7. If the processing is based on consent, you have the right to withdraw the consent at any time, which shall not affect the lawfulness of processing based on the consent given before the withdrawal. Withdrawal of consent to the processing of personal data can be sent by e-mail to: marcin.zagorski@uj.edu.pl or by post to the following address: Faculty of Physics, Astronomy and Applied Computer Science, Registered office: ul Prof. Łojasiewicza 11, 30-348 Kraków, or you can withdraw your consent in person at Faculty of Physics, Astronomy and Applied Computer Science, Registered office: ul Prof. Łojasiewicza 11, 30-348 Kraków.
8. Your personal data will not be subject to automated decision making or profiling.
9. You have the right to lodge a complaint with the Inspector General for the Protection of Personal Data, if you feel that the processing of your personal data violates the GDPR regulations.