



Institute of Physics of the Polish Academy of Sciences

Scholarship for a PhD Student



Job ID: (#JOB5/2019)

Job Description

Job Title: PhD student in molecular biophysics

Job Summary:

Properties and interactions of natively disordered proteins engaged in biomineralization

Job Description:

The PhD student will participate in the NCN Sonata-Bis project "Studies of interactions and dynamics of intrinsically disordered proteins in crucial biological processes - biophysical perspective including single molecule approach". The project is focused on investigation the interactions of the natively unstructured coral acid-rich proteins that bind calcium in the skeletal organic matrix, on the molecular level.

Since intrinsically disordered proteins can adopt a wide spectrum of conformations, they comprise an important group of "molecular switches", where the partial or total lack of the defined structure plays a crucial role due to the possibility of a flexible fit to the interacting protein partner or ligand.

The PhD studies will be conducted according to the rules at IP PAS: http://info.ifpan.edu.pl/msdifpan/Studium/index_en.html

Profile of a candidate for the PhD position:

1. MSc (Master degree) or student of master's degree studies in one of the following disciplines: biophysics, physics, biochemistry, molecular biology, chemistry or biotechnology; master's degree to be obtained no later than June 30, 2019
2. High grades in core subjects at the master's level studies
3. Passing courses both in physics and biology at academic level
4. Knowledge of experimental techniques in molecular biophysics
5. Experience in laboratory work with proteins
6. Interest in biophysics, ability to work in an interdisciplinary team and learning new subjects
7. Analytical thinking, diligence in work
8. Good spoken and written English skills
9. Ability to work under a pressure of time
10. High motivation for scientific work (publications, conference presentations or other achievements are highly welcome),

Main research field: Physics, Biology

Sub Research Field: Biophysics

Career Stage: Early stage researcher or 0-4 yrs (Post-graduate)

Research Profile ([details](#)): First Stage Researcher (R1)

Type of Contract: Temporary for 3.5 years

Salary: 3000 PLN per month (untaxed scholarship)

Contact

More information can be obtained from dr hab. Anna Niedźwiecka, prof. IF PAN (e-mail: annan@ifpan.edu.pl); ResearcherID: E-8940-2010

<http://www.ifpan.edu.pl/SL-4/index.php?group=niedzwiecka>

Application details

Application deadline: 15 March 2019 **Later applications may also be considered.**

Required materials:

- Curriculum Vitae
- List of publications, conference presentations and other achievements (if any)
- Letter of motivation
- Transcript of record from undergraduate studies (both BSc and MSc levels)
- Reference contact person(s) (with phone number(s) and e-mail address(es))
- Consent to process your personal data

All materials should be submitted in electronic form to the address: jobs@ifpan.edu.pl with Job ID in the subject.

Information clause in the process of recruitment for studies

Under Art. 13 sections 1 and 2 of the Regulation of the European Parliament and of the Council (EU) 2016/679 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 Resolution), EU OJ L 119 of 04.05.2016, page 1, as amended, hereinafter referred to as "GDPR", we hereby inform as follows:

1. The Data Controller, i.e. the entity deciding how your personal data are used, is the Institute of Physics of the Polish Academy of Sciences, represented by the Director, with its registered office in Warsaw Al. Lotników 32/46. You can contact the Data Controller using one of the contact forms available at: phone (22) 116-2111, e-mail director@ifpan.edu.pl.
2. The Director of the Institute of Physics of the Polish Academy of Sciences has appointed a Data Protection Officer (DPO) with whom you may contact in matters regarding your personal data. You may contact the Officer sending an e-mail to: iodo@ifpan.edu.pl
3. Your personal data shall be processed in order to perform the process of recruitment for studies;
4. The basis for processing of your personal data are provisions of the Act on Higher Schools and Education (consolidated text: Journal of Laws of 2018, item 1668);
5. Your personal data shall be processed for the period of 6 months upon completion of the recruitment process and in case of admission to studies, according to the course of the studies, and then they shall be archived according to the applicable provisions;
6. Your personal data shall not be made available to any other entities save for entities authorised under the provisions of the law. Employees and members of the university recruitment committees authorised by the Data Controller will have access to your personal data;
7. Providing personal data by you is voluntary, but failure to provide them precludes participation in the recruitment process;
8. You have the right to access the contents of your personal data and you have the right to rectify them, erase them and restrict their processing;
9. You can submit a complaint to the Inspector General for the Protection of Personal Data if you find that their processing violates provisions of the General Data Protection Regulation.

Consent for processing:

I grant my consent for processing of my personal data by the Institute of Physics of the Polish Academy of Sciences in order to ensure conditions of full participation in the process of recruitment for studies. I provide the personal data voluntarily and declare that they are true. I have familiarised myself with the content of the information clause, including the information about the purpose and methods of processing of personal data and right to access the content of my data and the right to rectify them.

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Date, candidate's signature