

A PhD student position is available in the Institute of Biochemistry and Biophysics of Polish Academy of Sciences in Warsaw within the project “Integrating light and osmotic stress signaling- molecular functions of Plastid Movement Impaired 1 protein from *Arabidopsis thaliana*” financed by National Science Centre

We are looking for a PhD student in the frame of OPUS project “Integrating light and osmotic stress signaling- molecular functions of Plastid Movement Impaired 1 protein from *Arabidopsis thaliana*” financed by Polish National Science Centre.

Project description:

PMI1 (Plastid Movement Impaired) protein has been demonstrated to take part in plant responses to light as well as to ABA-mediated stress responses. The project is focused on the molecular basis for the action of this protein in multiple responses to the environment. We will analyze protein-protein as well as protein-lipid interactions it is involved in. We will also analyze transgenic and gene edited plants to further elucidate the role of PMI1. The PI of the project is Olga Sztatelman and it is carried out in the Protein Phosphorylation Laboratory led by Grażyna Dobrowolska.

PhD fellowship is available for 48 months (36 months from the project, 4500 PLN/month minus taxes)

Starting date: March 2020

Profile of candidates:

- Master degree (or equivalent) in one of life science disciplines
- Fluency in spoken and written English
- Motivation for scientific work
- Ability to plan and organize work independently and as a part of the team.
- The experience with following techniques will be an advantage:
 - ✓ molecular biology (isolation and analysis of DNA, RNA and proteins)
 - ✓ analyzing of protein-protein and protein-lipid interactions
 - ✓ working with plants (transformation and selection, phenotyping)

Required documents (please send application to olga.sztatelman@ibb.waw.pl in.pdf format with a title PhD Candidate Last Name):

1. Curriculum Vitae (please include in your offer: "In accordance with the personal data protection act from 29th August 1997, I hereby agree to process and to store my personal data by the Institution for recruitment purposes"). CV should include the list of scientific achievements and methods mastered/used by applicant
2. Letter-of-intent pointing out how skills and interests of the candidate make him/her suitable for the project
3. Letter of reference or contact information to M.Sc. thesis supervisor or other referee
4. Copy of master diploma (or equivalent) and transcript of records

Closing date: January 12,2020

The selection process is composed of two stages:

1. A committee will assess candidates and selected candidates will be invited to an interview. The candidate will be asked to provide 10 min. presentation describing a research project he had previously carried out. The interviews will take place on 16. January.

2. Interview with the Admission Committee of the Joint Doctoral School on 7. February. The candidate will be asked to provide 10 min presentation on the scientific publication (selected a week earlier).

A successful candidate will be simultaneously enrolled as a PhD student of the Joint Doctoral School
<https://www.cmkp.edu.pl/struktura/studium-studiow-doktoranckich/wspolna-szkola-doktorska/dokumanty/>