



Institute of Physics of the Polish Academy of Sciences

Scholarship for a PhD Student



Job ID: #JOB 36/2020

Job Description

Job Title: PhD student – scholarship holder

Job Summary:

Studies of interactions between the transmembrane region and the fusion peptide of hemagglutinin

Job Description:

The student will join the project team under the supervision of Dr. Remigiusz Worch, working on the NCN funded project “Fusion peptides and transmembrane domains of selected enveloped viruses: structure, dynamics and interactions with membranes”. The aim of the PhD project is to characterize the FP:TMD interactions in the dependence of the subtype and lipid composition. Various peptide sources will be applied (synthetic and home-purified). In the research mainly optical techniques will be applied: fluorescent spectroscopy and microscopy or fluorescence cross-correlation spectroscopy (FCCS).

Requirements:

- master degree in biology, biochemistry, biophysics, biotechnology or a related discipline
- experience in basic laboratory techniques
- good command of English
- interest in scientific problems’ solving
- to be employed, the candidate must be accepted into the PhD school in which the Institute of Physics participates. Applications for the position are through recruitment to the School, online at <http://warsaw4phd.eu> .

Main research field: Physics

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: Fixed term (36 months)

Status: Full-time

Salary: 4500 PLN per month (grant funding, before obligatory employer and employee social security contributions).

Contact

More information can be obtained from

Remigiusz Worch (e-mail: remiwo@ifpan.edu.pl)

Please make contact.

Application details

Application deadline: 18.08.2020 Later applications will not be considered.

Required materials:

- Scientific CV
- Cover letter
- Scan of MsC diploma or equivalent (or an explanation of when one is expected)
- Academic record (for finalized semesters)
- Recommended: A recommendation letter by an academic, or their contact email.

All materials should be submitted in electronic form by application to the PhD school <http://warsaw4phd.eu>, choosing the project 4.13 “Interactions between the fusion peptide and the transmembrane domain of hemagglutinin (experimental)”.

(The application system will be active from 5 August 2020).

Results regarding the position will be made available by 18 September 2020.