



Job ID: #JOB13/2016

Job Description

Job Title: Assitant with doctorate in biophysics or related filed

Job Summary:

The candidate will be involved in the research conducted at the Laboratory of Biological Physics focused on the synthesis, characterization and bio-functionalization of inorganic nanostructures for theranostics, bio-imaging, hyperthermia and photodynamic therapy applications.

Job Description:

A successful applicant will be involved in one of the following projects:

1. Optimization and characterization of inorganic nanoparticles for photodynamic therapy applications and the study of reactive oxygen species (ROS) with participation the optimized nanoparticles.
2. Optimization and characterization of opto-magnetic nanoparticles a core-shell structure and the attachment of antibodies and other biologically active molecules for the synthesized nanostructures.

Main research field: Physics

Sub Research Field: Biophysics

Career Stage: Experienced researcher or 4-10 yrs (Post-Doc)

Research Profile ([details](#)): Recognised Researcher (R2)

Type of Contract: Temporary for 2 years.

Status: Full-time

Salary: Depends on qualifications
From 2300 to 3000 PLN per month (before taxes).

Contact

More information can be obtained from prof. Marek Cieplak (e-mail: mc@ifpan.edu.pl).

Application details

Application deadline: August 19, 2016 Applications after deadline are not considered.

Required materials:

- Curriculum Vitae
- List of publications
- A short description of the research interests and past achievements
- Names and contact informations of 2 references familiar with candidate research

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