Nazwa jednostki: University of Medical Sciences in Poznań
Nazwa stanowiska: PhD student
Wymagania:

We are looking for candidate who holds M.Sc.´s in physics, medical physics or biomedical engineering. Successful candidates are expected to work in an interdisciplinary team of researchers.

The applications should be submitted to: Prof dr hab. Julian Malicki
The deadline for applications is February 10, 2017
Application should include:
- CV (in English) of the candidate (with the names of 2 - 3 references),
- the list of grades from the undergraduate study,
- the final grades of the M.S. thesis (Magister), if available,
- short description of research experience
- declaration of consent to the processing of personal data for recruitment purposes

Confirmed experience in medical physics area will be an additional advantage.

Description of tasks:

The PhD student will be employed in the project entitled *Doses of ionizing radiation and intensity and type of cellular damage in vitro out site of irradiation field* (no UMO-2015/19/B/NZ7/03811) financed by National Sciences Centre. The project is affiliated at the University of Medical Sciences in Poznan and will be carried out at the premises of the Greater Poland Cancer Centre.
The main objective of this project is to enhance the knowledge on processes of physics and biology nature that occur in a biological material during radiotherapy, for which measured physical parameters include radiation spectrum and radiation dose and the biological parameters are intercellular damage (damage to DNA) and proliferation ability.
Particular tasks for the accepted candidate will focus on studies on the energy spectrum and doses in the regions lying outside the irradiated field and coming from degraded energy of radiation. The use of Monte Caro simulation and dose measurements are expected.

Typ konkursu NCN: OPUS -NZ

Termin składania ofert:

Forma składania ofert: *via* e-mail: agnieszka.skrobala@wco.pl
Warunki zatrudnienia:

The scholarship is PLN 3000/month.

Dodatkowe informacje:

The projects will be carried out also at the Greater Poland Cancer Centre, Poznań