



NOTICE

BASIC INFORMATION

Position available within the research project entitled: **“Nanosonde optice cu țintire tumorală specifică pentru ghidarea în timp real a intervențiilor chirurgicale în cancerul ovarian prin imagistica de contrast în domeniul infraroșu apropiat (NIR)” (New Targeted Optical Imaging NanoProbes for Near-Infrared (NIR) Real-Time (RT) Image-Guided Surgery of Ovarian Cancer)**, project number **PN-III-P4-ID-PCCF-2016-0142**

Title*: RESEARCH ASSISTANT (PhD Student)

Offer Description*: Fabrication and characterization of new fluorescent/luminescent nanoparticles/nanomaterials for applications as contrast agents in the near-infrared (NIR)

Researcher Profiles *: (se bifează opțiunea dorită)

- | | |
|---|---|
| <input checked="" type="checkbox"/> First Stage Researcher (R1) | <input type="checkbox"/> Recognised Researcher (R2) |
| <input type="checkbox"/> Established Researcher (R3) | <input type="checkbox"/> Leading Researcher (R4) |

Research field *:

Type of Contract*:

Job Status *:

Hours Per Week*: 40

Application Deadline *: 14.11.2019

Envisaged Job Starting Date: 01.01.2020

Is the job funded through a EU Research Framework Programme? *

Is the Job related to staff position within a [Research Infrastructure](#)? (se bifează opțiunea)

How to Apply *:

Contact person*: Prof dr. Simion Astilean

* - Câmpuri obligatorii

E-mail address*: simion.astilean@phys.ubbcluj.ro

Internal Application form needed (.pdf files) (se bifează opțiunea, dacă este cazul)

HIRING INFO & WORK LOCATION

Number of positions available*: 2

Company/Institute*: Babes-Bolyai University, Str. M kogalniceanu 1 / Interdisciplinary Research Institute on Bio-Nano-Sciences, Str Treboniu Laurean Nr 42, Cluj-Napoca, Romania

Department*: Nanobiophotonics and Laser Microspectroscopy Center

REQUIREMENTS

Required Education Level (se completează unul sau mai multe câmpuri, după caz)

Main Research Field*:

Level*:

Main Research Field*:

Level*:

Skills/Qualifications:

Ability to work with spectroscopic techniques (fluorescence, Raman, UV-Vis).
Knowledge and skills in scientific communication in English

Specific Requirements:

The subject of the dissertation thesis should be related to fabrication and characterization of nanoparticles with optical and spectroscopic properties suitable for biomedical applications.

Only candidates enrolled as PhD student in physics (in first or second years) are eligible.

Required Languages (se completează unul sau mai multe câmpuri, după caz)

Language *

Level*

Language *

Level*

Required Research Experience *(se completează unul sau mai multe câmpuri, după caz)*

Research Field *

Years of Research Experience *

Research Field *

Years of Research Experience *

ADDITIONAL INFO

Email for additional job details: *(câmp obligatoriu)*

Benefits: *(câmp opțional)*

Eligibility criteria: Only persons enrolled as PhD student in physics (in first or second years) are eligible.

Selection process:

1. Analysis of the candidate's file (personal details, education and employment history with supporting documentation). The absence of any required document leads to the removal of the candidate from the contest;
2. Selection process will take place at Interdisciplinary Research Institute on Bio-Nano-Sciences, Str Treboniu Laurean Nr 42, in 15.11.2019 starting with 10.00 hours (practical test) and 14.00 hours (interview).

Additional comments: *e-mail adress*: simion.astilean@phys.ubbcluj.ro*