



NOTICE

BASIC INFORMATION

Position available within the research project entitled: **“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*: *SCIENTIFIC RESEARCHER*

Offer Description*: Transmission Electron Microscopy (TEM) and Scanning Electron Microscopy (SEM) investigation of some nanoparticles based on polymers, gold and graphene

Researcher Profiles *:

- | | |
|--|--|
| <input type="checkbox"/> First Stage Researcher (R1) | <input checked="" 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*: 2.5

Application Deadline *: 19.11.2018

Envisaged Job Starting Date: 01.01.2019

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

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

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)

HIRING INFO & WORK LOCATION

Number of positions available*: 1

Company/Institute*: Babes-Bolyai University, Interdisciplinary Research Institute on Bio-Nano-Sciences, Str Treboniu Laurian Nr 42, Cluj-Napoca, Romania

Department*: Nanobiophotonics and Laser Microspectroscopy Center

REQUIREMENTS

Required Education Level

Main Research Field*:

Level*:

Main Research Field*:

Level*:

Skills/Qualifications:

Ability to work with Transmission Electron Microscope (TEM) and Scanning Electron Microscope (SEM).

Knowledge and skills in scientific communication in English

Specific Requirements: The theme of the doctoral thesis must be in the field of physics
Minimum 10 research articles, published in well recognize ISI journals.

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

Language *

Level*

Language *

Level*

Required Research Experience

Research Field *

Years of Research Experience *

Research Field *

Years of Research Experience *

ADDITIONAL INFO

Email for additional job details: *simion.astilean@phys.ubbcluj.ro*

Benefits: *(câmp opțional)*

Eligibility criteria: *(câmp opțional)*

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. Practical evidence of the experimental knowledge in TEM and SEM techniques and interpretation of the experimental result;
3. Interview-presentation in Power Point, in English, of the research activity carried out so far and evaluation of the knowledge in the field ;

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