



## 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\*:** RESEARCH ASSISTANT (*Phd student*)

**Offer Description\*:** Fabrication of new contrast agents based on polymeric nanoparticles with fluorescence properties in the infrared range.

#### Researcher Profiles \*:

- |   |   |
|---|---|
| <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 \*:** 19.11.2018

**Envisaged Job Starting Date:** 01.12.2018

**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\*: 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 spectroscopic techniques (fluorescence, Raman, UV-Vis).  
Knowledge and skills in scientific communication in English

##### Specific Requirements:

The theme of the dissertation thesis must be in the field of vibrational and optical spectroscopic analysis.

PhD student in physics

##### Required Languages

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](mailto:simion.astilean@phys.ubbcluj.ro)

**Benefits:**

**Eligibility criteria:**

**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 spectroscopical analysis techniques (UV-Vis, Raman, Fluorescence) 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 adress\*: [simion.astilean@phys.ubbcluj.ro](mailto:simion.astilean@phys.ubbcluj.ro)*