

Str. M. Kogălniceanu nr. 1 Cluj-Napoca, RO-400084 Tel.: 0264-40.53.00 Fax: 0264-59.19.06

rector@ubbcluj.ro www.ubbcluj.ro

#### **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 \*:** First Stage Researcher (R1) Recognised Researcher (R2) Established Researcher (R3) Leading Researcher (R4) **Physics** Research field \* Type of Contract\* Full-time 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? \* Not funded by an EU programme Is the Job related to staff position within a Research Infrastructure? (se bifează opțiunea) Contact person\*: Prof dr. Simion Astilean

E-mail adress\*: 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*:	ster Degree or equivalent	
Main Resear	rch Field*:	_
Level*:	ase Select ▼	

## **Skills/Qualifications**:

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

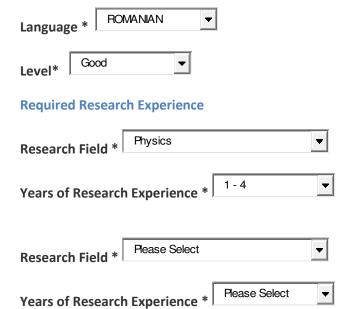
# **Specific Requirements:**

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

PhD student in physics

## **Required Languages**





#### **ADDITIONAL INFO**

Email for additional job details: 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