

07/03/2018

PhD positions in magnetic nanoparticles for biomedicine

Where to apply

Application Deadline: 28/03/2018 23:00 - Europe/Brussels

Contact Details

Where to send your application.

COMPANY

The Vinca Institute

E-MAIL

zprijovic@vin.bg.ac.rs

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

The Vinca Institute

COUNTRY

Serbia

ORGANISATION TYPE

Public Research Institution

CITY

Belgrade

WEBSITE

<http://www.vinca.rs>

POSTAL CODE

11001

E-MAIL

zprijovic@vin.bg.ac.rs

STREET

Mike Petrovica Alasa 12-14

ORGANISATION/COMPANY

The Vinca Institute

LOCATION

Serbia › Belgrade

RESEARCH FIELD

Chemistry › Biochemistry

Physics › Condensed matter properties

TYPE OF CONTRACT

Temporary

RESEARCHER PROFILE

First Stage Researcher (R1)

JOB STATUS

Full-time

APPLICATION DEADLINE

28/03/2018 23:00 - Europe/Brussels

HOURS PER WEEK

40

EU RESEARCH FRAMEWORK PROGRAMME

FP7

Job Description

The Vinca Institute, University of Belgrade, Serbia, announces **two** open **PhD positions** for the MagBioVin project funded by European Commission within the FP7-ERACHairs-Pilot Call-2013 programme. The MagBioVin project concerns research on activated magnetic nanoparticles (MNP) and radionuclide labeled magnetic nanoparticles for application in biosciences, pharmacy and medicine.

The research concerns the following topics:

1st Position: "Physical aspects of magnetic fluid hyperthermia for tumour therapy";

2nd Position: "Radiolabeled magnetic nanoparticles for biomedical applications".

Each PhD position foresees one year full-time engagement on the topical research specific for each position as a part of a collaborative work within the multidisciplinary international team.

Required background and qualifications

The candidate should have BSc or MSc degree i.e. he/she should be a first stage researcher (category R1 in the European Framework for research careers) in one of the following fields:

1st position: physics, physical chemistry, materials sciences;

2nd position: biochemistry/chemistry, physical chemistry.

Closely related fields can be also considered. The advantage will be a proven experience in required fields of research. Working knowledge in English is mandatory.

Application procedure

Submitted application must include:

- Notification on the position of interest (1st or 2nd)
- Motivation letter
- Curriculum Vitae
- Copy of BSc Diploma with the list of undergraduate courses passed
- Names of two referees
- Language skills

Applications will be accepted until the position is filled; in order to secure the full consideration applications must be received until March 28, 2018.

Application may be sent to ERA Chair holder, Zeljko Prijovic, e-mail: zprijovic@vin.bg.ac.rs and project coordinator, Bratislav Antic, e-mail: bantic@vin.bg.ac.rs.

Deadline for application: March 28, 2018

Selection procedure

Applications that comply with the above quoted criteria will be evaluated by the panel consisting of the ERA Chair, Project Coordinator, and a Work Package leader from the field of interest. The most qualified candidates will be interviewed by phone or video conferencing by panel members.

Benefits

The selected candidates will be offered the following:

A one-year full-time engagement with the production of PhD thesis;

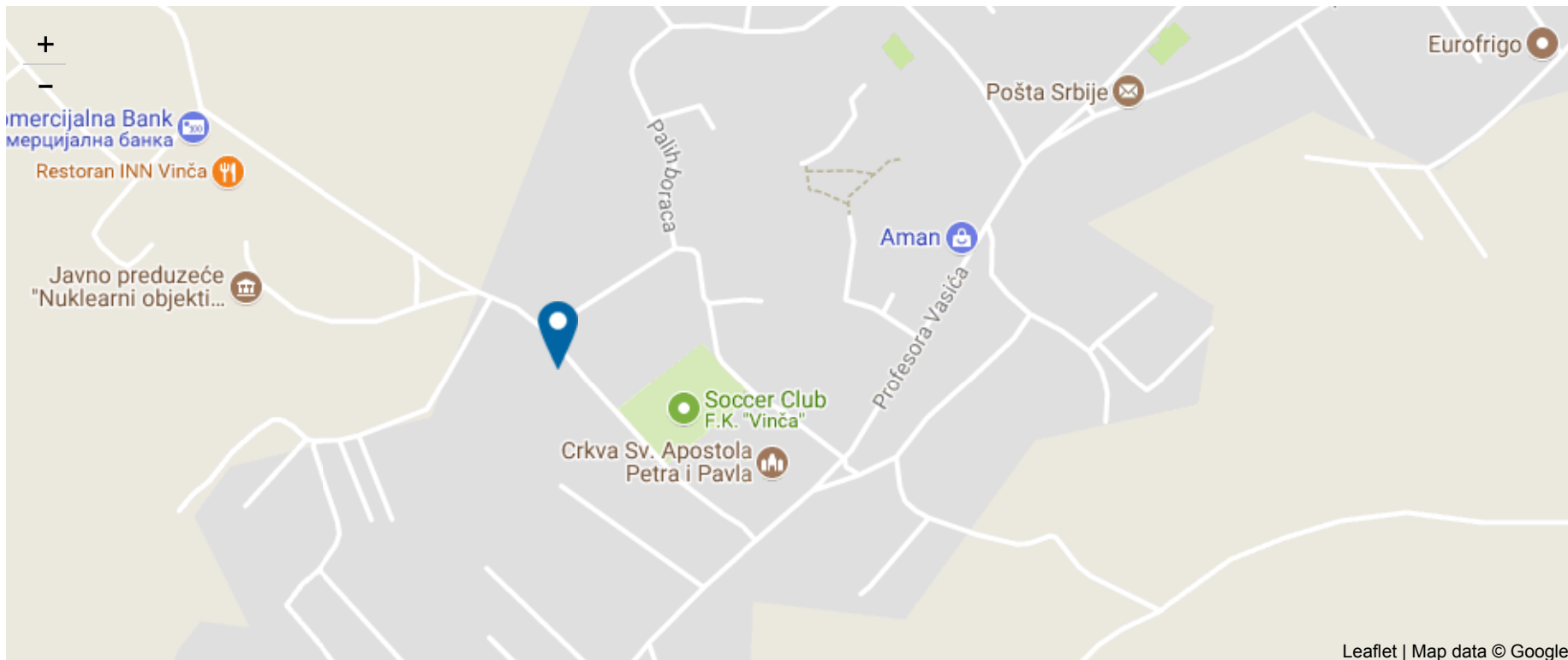
Competitive salary of up to 720 EUR/month (net) depending on the candidate's qualifications and experience;

Health and social insurance;

Funds for both mobility to partner institutions from EU for training purposes and for dissemination activities (conferences, workshops, etc.);

Work on the state-of-the-art research facilities at the Vinca Institute and partner institutions from EU.

Map Information



WORK LOCATION(S)

2 position(s) available at
The Vinca Institute
Serbia
Belgrade
11001
Mike Petrovica Alasa 12-14

