



WORK OFFER

Ref. No. RS-2019-1050

Employer Information

Employer: Faculty of Technology, University of Belgrade
Department of Biochemical Eng.
-
11000 Belgrade
Serbia

Website: www.tmf.bg.ac.rs

Location of placement: Belgrade
Nearest airport: Belgrade (BEG)
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 250
Business or products: Scientific institution

Student Required

General Discipline: 26-BIOLOGICAL AND BIOMEDICAL SCIENCES
40C-CHEMISTRY, MATERIAL SCIENCE, AND
CHEMICAL ENGINEERING

Completed years of study: 4

Field of Study: 26.0202-Biochemistry.
26.1201-Biotechnology.
14.0701-Chemical Engineering.

Language required: English Excellent

Required Knowledge and Experiences:

Other requirements:

Work Offered

Laboratory research on enzymatic and/or microbial transformation of natural compounds to food, feed or cosmetics of incased bioactivity, digestibility and/or improved nutritive values

Topics:

- * Enzymatic synthesis of bioactive esters of vitamin C and flavonoids and their incorporation in cosmetic formulations.
- * Immobilization of carbohydrate degrading enzymes (α -galactosidases, pectinases, cellulases and xylanases) and their use in production of feed and food with increased digestibility and nutritional properties,
- * Preparation of nanobiocatalysts using chemically modified nano silica particles,
- * Enzymatic production of prebiotic galacto-oligosaccharides using free and immobilized β -galactosidases

Number of weeks offered: 6 - 8

Working environment: Research and development

Within the months: 27-MAY-2019 - 12-JUL-2019

Gross pay: 22,000 RSD / Month

Or within: 25-AUG-2019 - 31-OCT-2019

Deduction to be expected: No

Holidays: 13-JUL-2019 - 25-AUG-2019

Payment method / frequency: /

Accommodation

Canteen at work: No

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 10,000 RSD / Month

Accommodation will be arranged by: IAESTE

Estimated cost of living incl. lodging: 18,000 RSD / Month

Additional Information

Your nomination should be combined as one PDF file and should contain following documents, in the order mentioned below:

- Cover/Motivational letter addressed to the employer
- CV
- List of subjects/Transcript of grades
- Certificate of enrollment
- Recommendation(s)
- Scan of a valid passport (1:1 scale, color scan)
- Language Certificate
- Photo (optional)

If you are studying Architecture your nomination should include Portfolio (as a separate PDF file)!

Nomination Information

Deadline for nomination: 31-MAR-2019

Please send nominations by Exchange Platform

Date: 18-JAN-2019

On behalf of receiving country: Dragan Vukicevic