



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Ioana-Cristina, Badea**  
E-mail cristina.banica@imnr.ro  
Nationality Romanian

### Work experience

Name and address of employer National Institute for Research and Development for Non-Ferrous and Rare Metals (INCDMNR-IMNR)  
Type of business or sector Scientific researcher  
Dates July 2018-present  
Occupation or position held Scientific researcher assistant

### Education and training

Dates October 2018-present  
Title of qualification awarded PhD Student  
Name and type of organisation providing education and training University Polytechnic of Bucharest - Materials Science and Engineering Faculty  
Level in national or international classification PhD

### Education and training

Dates October 2013 – June 2015  
Title of qualification awarded Graduate of the Master "Metallic Biomaterials"  
Principal subjects/occupational skills covered Main skills and competence acquired:  
- knowledge of modern technologies for the production of metallic materials;  
- technical and economic analysis to ensure increased competitiveness of the company;  
Name and type of organisation providing education and training University Polytechnic of Bucharest - Materials Science and Engineering Faculty

Level in national or international classification Master degree

### Education and training

Dates October 2009- June 2013  
Principal subjects/occupational skills covered -analysis and control of techniques of materials;  
-specific processes of plastic deformation of materials;  
-specific smelting processes of materials;  
-medical engineering;  
-applied statistics in medical informatics;  
-specific processes in medical electrical engineering.  
Name and type of organisation providing University Polytechnic of Bucharest - Materials Science and Engineering Faculty

education and training

**Other Specializations and Qualifications**

Erasmus programme – " Institut de physique et chimie des matériaux de Strasbourg" in France- May-July 2013

**Personal skills and competences**

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (\*)

**French**

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Experienced user	B2	Independent User	B2	Independent User	B2	Independent User	B1	Independent User
B2	Independent User	B2	Independent User	B1	Independent User	B1	Independent User	B2	Independent User

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Team spirit: I acquired this skill by participating in various activities and also practical and research projects within the faculty, in addition to this I developed a sense of leadership and a decision taking initiative.

Organisational skills and competences

Developed leadership skills by working in a team which helped me to increase my capacity of synthesis and analysis as well as a capacity for making decisions.

Technical skills and competences

Fundamental knowledge of the concept of biocompatibility, ability to carry out research on the investigation and testing of metallic materials, scientific expertise and knowledge of materials in proportion to relation composition-structure-properties-processing.

Computer skills and competences

Use of the computer: Programs: C + +. Package Office, Access, Excel, Word, PowerPoint, Mathcad, MatCalc  
Graphics programs: AutoCad; Inventor,

**Additional information  
Last 5 years in Research and  
Development**

Participation in projects  
Publications  
Conferences Participations

1 National Project;  
5 coauthor papers in International and National Journals (ISI)  
11 Participations at National and International Conferences