

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **NICOLETA RADU**  
Telephone(s) **004-021.315.32.99** Mobile phone: **004-0730728694**  
Fax(es) **004-021.312.3493**  
E-mail [nicolbiotec@yahoo.com](mailto:nicolbiotec@yahoo.com); [nicolbiotec@gmail.com](mailto:nicolbiotec@gmail.com)  
Nationality Romanian  
Date of birth September, 1969  
Gender female

### WORK EXPERIENCE

<b>Dates</b>	<b>2020-present</b>
Occupation or position held	<b>PROFESSOR</b>
Main activities and responsibilities	<b>Education in the field of Biotechnology</b>
Name and address of employer	<b>Doctoral School of Biotechnology, University of Agronomic Sciences and Veterinary Medicine of Bucharest, 59 Bd. Mărăști, District 1, Bucharest, 011464</b>
Type of business or sector	<b>Education &amp; Research in the field of Life Sciences &amp; Engineering Sciences</b>
<b>Dates</b>	<b>2001-present</b>
Occupation or position held	<b>SCIENTIST, PRINCIPAL INVESTIGATOR, TUTOR in the field of life sciences and engineering sciences</b>
Main activities and responsibilities	Research, Development and Education in the field of Biotechnology and Life Science
Name and address of employer	<b>Biotechnology Dept., National Institute of Chemistry &amp; Petr. R&amp;D, 202 Splaiul Independentei street, District 6, Bucharest, ROMANIA</b>
Type of business or sector	<b>Research &amp; Education in the field of Life sciences &amp; Engineering Sciences</b>
<b>Dates</b>	<b>2008-present</b>
Occupation or position held	<b>Head of Education and Bioethics Comission</b>
Main activities and responsibilities	Education
Name and address of employer	Romanian Society of Bioengineering and Biotechnology

Type of business or sector	Education & Research in the fields of Life Sciences, Engineering Sciences and Entrepreneurship
<b>Dates</b>	<b>2011</b>
Occupation or position held	<b>Postdoctoral study</b>
Main activities and responsibilities	postdoctoral studies in the field of Medical Biotechnology
Name and address of employer	<b>University of Agronomic Sciences and Veterinary Medicine Cluj Napoca &amp; University POLTEHNICA of Bucharest</b>
Type of business or sector	<b>Research &amp; Education in the field of Medical Biotechnology</b>
<b>Dates</b>	<b>1995-2001</b>
Occupation or position held	<b>Designer, Project Manager</b>
Main activities and responsibilities	<b>Engineering Project manager;</b>
Name and address of employer	<b>Engineering Company, IITPIC Bucharest, ROMANIA</b>
Type of business or sector	<b>Industrial Engineering; Research &amp; Development</b>
<b>EDUCATION AND TRAINING</b>	
<b>Dates</b>	<b>1995; 2010</b>
Title of qualification awarded	<b>Master of science in the field of Biotechnology &amp; Inorganic Chemistry</b>
Principal subjects/occupational skills covered	Engineering Sciences; Life Sciences
Name and type of organisation providing education and training	POLITEHNICA University of Bucharest
<b>Dates</b>	<b>2005</b>
Title of qualification awarded	<b>Ph.D in the field of Engineering Science</b>
Principal subjects/occupational skills covered	Engineering science
Name and type of organisation providing education and training	University POLITEHNICA of Bucharest
<b>Dates</b>	<b>1994</b>
Title of qualification awarded	<b>Engineer, Bachelor of Engineering Science Degree</b>
Principal subjects/occupational skills covered	University student in the field of engineering science

**PERSONAL SKILLS & COMPETENCES**

Mother tongue(s)

**Specify mother tongue: Romanian**

Other language(s)

**English, French, German**

Self-assessment  
*European level (\*)*

Understanding		Speaking				Writing			
Listening		Reading		Spoken interaction		Spoken production			
	C1		C2		C2		C1		C2
	B1		B1		B1		B1		B1
	-		-		-		-		-

**English**

**French**

**German**

*(\*) Common European Framework of Reference for Languages*

**SOCIAL SKILLS & COMPETENCES**

**ORGANISATIONAL SKILLS AND COMPETENCES**

**- Head of Education and Bioethics Commission in Romanian Society of Bioengineering and Biotechnology**

**TECHNICAL SKILLS AND COMPETENCES**

**Skills and competences in research and training in the fields of engineering science, life sciences, entrepreneurship and modern methods of teaching & learning**

**COMPUTER SKILLS AND COMPETENCES**

**Proficient user for programs of modeling and statistics , such as: Fuzzy Tech, Neuronal Networks, Table Curve 2D; Table Curve 3D, Origin, Student, Anova. Usual programmes of Mac OS, Windows, for writing, graphics and internet .**

**ARTISTIC SKILLS & COMPETENCES**

**Literature writing  
Teaching skills; elaboration of scientific books and literature**

**DRIVING LICENCE**

**Holder of driver licence, B category**

**ADDITIONAL INFORMATIONS**

**- Evaluator National & International Research Programme;  
- Reviewer for more of 30 International Journals in the field of Life Sciences and Engineering Sciences**

**PATENTS**

**- Two Invention Patents**

**AWARDS**

**- golden medal awarded at PROINVENT 2019  
- silver medal awarded at EUROINVENT 2109  
- 5 CNCSIS prizes for published papers and / or Invention Patents**

**PAPERS BOOKS, CONFERENCES**

**- More of 80 papers indexed BDI or ISI Web of Sciences  
- More of 14 books and /or books chapters published  
- More of 100 communications at International / National Conferences in the field of Life Sciences and Engineering Sciences**

## PROJECTS

**Project Manager/Principal Investigator** in more of 14 National/International projects, in the field of High Education, Life Sciences & Engineering Sciences

**Key person** in more of 26 National of International Project in the field of High Education, Life Sciences & Engineering Sciences

## INTERESTS

- **Biotechnology (Medical Biotechnology, Marine Biotechnology, Agricultural Biotechnologies; Environmental Bioengineering)**
- **Pharmacology**
- **Toxicology**
- **Microbiology**
- **Cancer Research**
- **Tissue bioengineering**
- **Antimicrobials**
- **Artificial Intelligence applied in Medicine and Biotechnology**
- **Environmental protection & Ecology**
  - **Environmental quality monitoring**
- **Biomaterials**
- **Bio(nano) materials**
- **Agrochemistry**
  - **Chemical Fertilizers**
  - **Biofertilizers**
  - **Microbial antagonists**
- **Plant protection**
- **Tertiary education, (higher education) from the fields of Life Sciences and Engineering Sciences**
- **Blending learning techniques applied in tertiary education (Cycle II and III) from the fields of Life Sciences and Engineering Sciences**
  - **Mixed Reality techniques applied in tertiary education (Cycle II and III) from the fields of Life Sciences and Engineering Sciences**
- **Inorganic Chemistry**
- **Artifacts identification**
- **Artifacts conservation**
- **Cultural Heritage protection**