

**Europass  
Curriculum  
Vitae**



**Personal information**

First name(s) / Surname **Dobrota Cristina Teodora**

Address(es)

Telephone(s)

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E-mail

Nationality Romanian

Date of birth

Gender F

**Work experience**

Dates **2009 - to present**

Occupation or position held Director of the Institute of Technology

Main activities and responsibilities

- Formulating policies, guidelines and operating procedures for program management services
- Coordinating the preparation, appraisal, approval and revision of project proposals
- Planning, implementing and monitoring the implementation of research projects
- Managing technological applications
- Running joint projects in two international partnerships with InnoChemTech GmbH, Germany and SMART+. SME Go Global Networks, EU and one project at national level (2010-2011)
- Providing cooperation with the business community

Name of employer

Babes-Bolyai University, 1 Kogalniceanu St., Cluj-Napoca, Romania

Type of business or sector

- Management of research and technology

Dates **2008-to 2012**

Occupation or position Dean of the Faculty of Biology and Geology, Reader PhD

Main activities and responsibilities

- Planning, implementing and monitoring the strategic development of the faculty which consists of 100 employees and more than 1000 students.
- Coordinating the activities of the faculty
- Establishing partnerships with national and international organizations
- Managing conflicting priorities
- Selecting, evaluating and promoting the personnel

Name of employer

Babes-Bolyai University, 1 Kogalniceanu St. Cluj-Napoca, Romania

Type of business or sector

- Management of higher education

Dates	<b>2006 – to present</b>
Occupation or position	Manager of the Ecotoxicology Lab
Main activities and responsibilities	<ul style="list-style-type: none"> <li>• Coordinating and carrying out procedures according to international standards</li> <li>• Testing poorly soluble pure organic compounds, poorly soluble mixture of organic substances, poorly soluble inorganic materials, volatile substances, waste waters and environmental samples containing water and sediments, coloured and turbid samples, compounds of heavy metals, chemicals incorporated into soils.</li> <li>• Assessing the effects of pollutants through phytotoxicity and microbiological tests</li> <li>• Preparing written reports and documents for the clients</li> </ul>
Name of employer	Ecotoxicology Lab, Babes-Bolyai University, 1 Kogalniceanu St. Cluj-Napoca, Romania
Type of business or sector	<ul style="list-style-type: none"> <li>• Management of the Environmental Analyses Lab</li> </ul>
Dates	<b>1990-to present</b>
Occupation or position	Academic positions: Assistant professor (1990-1995), Lecturer (1995-2001), Assoc. Prof. PhD (2001-
Main activities and responsibilities	<ul style="list-style-type: none"> <li>• Teaching and research activity</li> <li>• Courses taught: Ecological Plant Physiology, Environmental Policy, Biochemistry and Molecular Biology of Plants and Crop Ecology</li> <li>• Research topics: Life in extreme environments, Plant mineral nutrition,</li> <li>• Research Guidance: Undergraduate Research Projects guided- 49 (1995-2011) M. Sc. Project Guided: 17</li> <li>• Funded Research Projects(1990-2012) International projects, working as principal investigator: 5 - financed by the Institute of Space and Astronautical Science, Tokyo, Japan (1), University of Pisa, Italy (1), European Union (3) National projects, working as manager: 7, working as principal investigator 6, working as co-investigator 4, financed by the Ministry of Education and Research, Romania</li> </ul>
Name of employer	Babes-Bolyai University, 1 Kogalniceanu St ,Cluj-Napoca, Romania
Type of business or sector	<ul style="list-style-type: none"> <li>• Education, research – R&amp;D</li> </ul>
Dates	<b>1996-1997</b>
Occupation or position	Scientific researcher
Main activities and responsibilities	<ul style="list-style-type: none"> <li>• Researches in astrobiology concerning life in extreme environments</li> </ul>
Name of employer	Institute of Space and Astronautical Sciences, Tokyo, Japan
Type of business or sector	Research
Dates	<b>1988-1990</b>
Main activities and responsibilities	Scientific researcher <ul style="list-style-type: none"> <li>• Researches in biotechnology. Setting up the experimental design, running the experiments</li> <li>• Handling of different model and non-model plants (<i>Arabidopsis thaliana</i>, <i>Nicotiana benthaminana</i>, <i>Phaseolus vulgaris</i>, <i>Zea mays</i>), both <i>in vitro</i> and in the greenhouse</li> </ul>
Name of employer	Biological Research Center, 48 Republicii St., Cluj-Napoca, Romania
Type of business or sector	Research

**Education and Training**

Dates **2015**  
 Qualification awarded Habilitation nr. 3216/18.02.2015  
 Subjects/occupational skills covered Thesis title: Contributions to recent research advances in plant stress physiology  
 Name of organisation providing education Ministry of Education and Research, Romania

Dates **1997-1999**  
 Qualification awarded M.Sc. – specialized in Political Sciences. Thesis grade:10 over 10  
 Thesis title: New policies for limiting water pollution. Advisor: Professor David Ringsmuth, PhD  
 Environmental policy analysis and program evaluation, social statistics, political psychology  
 Name of organisation providing education Pittsburgh University, University Center for International Studies – The Center for Russian and East European Studies, USA and the Faculty of Political Sciences and Public Administration, Babes-Bolyai University, 1 Kogalniceanu St, Cluj-Napoca, Romania

Dates **1990-1995**  
 Qualification awarded PhD – specialized in Biology. Outstanding PhD thesis  
 Principal subjects/occupational skills covered Thesis title: Influence of phytohormones on mineral nutrition of maize plants. Advisor: Professor M. Trifu, PhD  
 Setting up the experimental design, running the experiments, writing the PhD thesis in Plant Physiology.  
 Name of organisation providing education Babes-Bolyai University, 1 Kogalniceanu St, Cluj-Napoca, Romania

Dates **1980-1984**  
 Qualification awarded BSc – specialization in Biology, Total average: 9,74 over 10  
 Subjects/occupational skills covered Plant Physiology, Exobiology, Environmental Policy - teaching and research competences.

**Mother tongue(s)** Romanian

**Other language(s)**

Self-assessment  
 European level (\*)

English

French

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C1	Independent user	C1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

**Social skills and competences**

- Good capacity to adapt to social changes; involvement in making and running joint projects.

**Organisational skills and competences**

- Solid organizational, communication, and time management skills.
- Outstanding team leadership, behavioral management, and conflict resolution skills. Exceptionally organized and disciplined; possess well-developed interpersonal skills and the ability to motivate and direct others in a supportive, cooperative team environment.

**Technical skills and competences**

- Generate and maintain records and reports, secure equipment and supplies, and comply with all administrative policies and regulations
- Developing process improvement initiatives

**Professional awards**

- Awards of Babes-Bolyai University: Excellency in scientific research (2002), Representative award (2008), Professor of the Year (2009, 2010), Management of Higher Education Award (2011), Dean of the Students Award (2011, 2012, 2013, 2015).
- PN-II-RU-PRECISI-2012-6-0755-and CNCISCDU 2015 for the papers: Physico-chemical and biological studies on water from Aries River (Romania). Characterization of Halophilic Bacterial Communities in Turda Salt Mine, *Origins of Life and Evolution of Biospheres*, DOI: 10.1007/s11084-014-9375-4
- Ioan Slavici award for literature, 2014
- Alexandru Macedonski award for literature, 2015

**Additional information**

- Project evaluator and rapporteur in the program FP7-SPACE-2011-4, FP7-SPACE-2012-1, FP7-SPACE-2013-1 and in the program FP7-PEOPLE-IEF-IIF-IOF-2011, FP7-PEOPLE-IEF-IIF-IOF-2012, FP7-PEOPLE-IEF-IIF-IOF-2013, HORIZON 2020, SPACE-COMPET 7, 2014, H 2020-TWINN, 2015 of European Commission
- TAIEX Expert for European Neighborhood Policy and Enlargement Negotiations, 2014-2016
- JRC Expert in European Strategy for Research, 2006 si in Danube Strategy in 2013.
- ARACIS Evaluator Life Science Panel
- ANCS Evaluator POC 1 Research Development, Technology and Innovation (CDI)
- National representative in the Executive Council of European Astrobiology Network Association (2005-2010)
- Publications - 6 books of Plant Physiology, 1 textbook of Biology, 92 research papers, 3 translated books
- Working on 26 international and national research projects as director (15) member (11)
- Carrying out partnerships between Babes-Bolyai University and universities from South Korea and China
- Proficiency in the use of standard computer applications
- In-depth understanding of environmental management issues, sustainable development and the specific problems facing Eastern-European countries.

Referee:

Marius Ioan Piso Ph. D.	Romanian Space Agency (ROSA), 21-25 Mendeleev St. 010362 Bucharest, Romania Tel: +40-21-3168722 Fax: +40-21-3128804 Mobile +40722360123	President and CEO
Elena Hutchens Ph. D.	University College Dublin, Industrial Microbiology School of Biological and Environmental Sciences, Belfield, Dublin 4, Ireland Mobile: 00-(353)(0)862021165	Researcher PhD
Helga Stan-Lotter, Ph. D.	University of Salzburg, Division of Molecular Biology, Billrothstr. 11 A-5020 Salzburg, Austria, Mobile: 0043 (0) 699 81223362	Professor of Microbiology

Assoc. Prof. Habil. Cristina Dobrota PhD