



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Mădălin Enache
Address(es)	Str. Mixandrei no. 37, Bucharest 040772, Sector 4, România
Telephone(s)	
Fax(es)	0040212219071
E-mail	Madalin_enache@yahoo.com
Nationality	Romanian
Date of birth	18 September 1973
Gender	Male

Desired employment / Occupational field

In university/research/managerial/consulting team

Work experience

Dates	2023 - present
Occupation or position held	Scientific researcher I
Main activities and responsibilities	Research activities in fields of microbiology, biochemistry, biology, ecology. Dissemination of the scientific results (scientific papers, participation to conferences and symposia – oral and posters presentations), application for research project, scientific reports.
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research
Dates	2016 (May) – 2022 (December)
Occupation or position held	Scientific researcher I – Head of Microbiology Department
Main activities and responsibilities	Coordinating research and administrative activity of the Department of Microbiology (IBB); Research activities in fields of microbiology, biochemistry, biology, ecology. Coordinating laboratory work, dissemination of the scientific results (scientific papers, participation to conferences and symposia – oral and posters presentations), application for research project, scientific reports, project coordinating
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research
Dates	2012 (July) – 2016 (May)
Occupation or position held	Scientific researcher I
Main activities and responsibilities	Research activities in fields of microbiology, biochemistry, biology, ecology. Coordinating laboratory work, dissemination of the scientific results (scientific papers, participation to conferences and symposia – oral and posters presentations), application for research project, scientific reports, project coordinating
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research
Dates	2015 (October) - 2022

Occupation or position held	University Professor
Main activities and responsibilities	Teach (course – Microbial Ecology – Master Degree)
Name and address of employer	University of Bucharest (Faculty of Biology)
Type of business or sector	University
Dates	2008 (June) – 2012 (July)
Occupation or position held	Director
Main activities and responsibilities	Both scientific and administrative management of the research institute
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research
Dates	2006 (June) – 2008 (June)
Occupation or position held	Deputy Director
Main activities and responsibilities	Both scientific and administrative management of the research institute
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research
Dates	2003 - 2006
Occupation or position held	Scientific researcher II
Main activities and responsibilities	Research activities in fields of microbiology, biochemistry, biology, ecology. Laboratory work, dissemination of the scientific results (scientific papers, participation to conferences and symposia), application for research project, scientific reports
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research
Dates	1999 - 2004
Occupation or position held	Biochemist/Logistic activities
Main activities and responsibilities	Production of pharmaceuticals active substances/Procurement – Import-Export activities, QA
Name and address of employer	Sintofarm SA, Ziduri intre Vii street 22, sector 2, Bucharest
Type of business or sector	Pharmaceuticals
Dates	1997 - 1999
Occupation or position held	Junior researcher
Main activities and responsibilities	Research and laboratory activities in fields of microbiology, biochemistry, biology
Name and address of employer	Institute of Biology Bucharest of the Romanian Academy, Splaiul Independentei 296, Bucharest
Type of business or sector	Academic research

Education and training

Dates	October 2010 – June 2014
Title of qualification awarded	Licence (Bachelor in Law)
Principal subjects/occupational skills covered	Law (Environmental and sustainable development Law)
Name and type of organisation providing education and training	Christian University “Dimitrie Cantemir” - Bucharest
Level in national or international classification	Licence (Bachelor)
Dates	January 2008
Title of qualification awarded	Graduated Certificate
Principal subjects/occupational skills covered	Management of public institutions
Name and type of organisation providing education and training	Academy of Economic Study – Bucharest, ROMANIA
Level in national or international classification	Postgraduate
Dates	May 2004 – May 2006
Title of qualification awarded	Postdoctoral fellow
Principal subjects/occupational skills covered	Systematic of haloalkaliphilic microorganisms based on rpoB' gene and protein sequences as complementary molecular marker to 16S rRNA
Name and type of organisation providing education and training	RIKEN – BioResource Center, Japan Collection of Microorganisms, JAPAN

Level in national or international classification	Postdoctoral
Dates	November 1998 – May 2002
Title of qualification awarded	Doctor degree (<i>in Biology; Cum laude distinction</i>)
Principal subjects/occupational skills covered	Biochemical processes involved in the adaptation of microorganisms to hypersaline conditions
Name and type of organisation providing education and training	Romanian Academy – Institute of Biology Bucharest, ROMANIA
Level in national or international classification	Doctor degree
Dates	October 1997 – June 1998
Title of qualification awarded	Master degree
Principal subjects/occupational skills covered	Applied enzymology
Name and type of organisation providing education and training	University of Bucharest, Faculty of Chemistry, ROMANIA
Level in national or international classification	Master degree
Dates	October 1992 – June 1997
Title of qualification awarded	Licence (Bachelor in Biochemistry)
Principal subjects/occupational skills covered	Biochemistry
Name and type of organisation providing education and training	University of Bucharest, Faculty of Chemistry, ROMANIA
Level in national or international classification	Licence (Bachelor)

Personal skills and competences

Mother tongue(s)	Romanian									
Other language(s)										
Self-assessment	Understanding				Speaking				Writing	
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
Language - English	B 2	Experimented user	B 2	Experimented user	B 2	Experimented user	C 1	Experimented user	C 1	Experimented user
Language - French	C 1	Experimented user	B 2	Experimented user	B 1	Experimented user	A 2	Experimented user	A 2	Elementary user
Language - Japanese	A 1	Elementary user	A 1	Elementary user	A 2	Elementary user	A 2	Elementary user	A 1	Elementary user
	(*) Common European Framework of Reference for Languages									

Social skills and competences	Ability to work in team and multidisciplinary team
Organisational skills and competences	<p>Director and Deputy Director of the Institute of Biology Bucharest (IBB) – organizing several workshop and scientific events with national and international attendance detailed in annex. Coordinating activity for 120 – 128 peoples working in all three locations of the IBB.</p> <p>Coordinating an investment project with value more than 11 million EUR destined to research infrastructure of main laboratories of IBB in Bucharest.</p> <p>Coordinating an investment project with values of 1.7 million EUR destined to research laboratories and research boats of IBB in Sulina research point.</p> <p>Supporting the participation of young scientist for doctoral studies, participating to the international conferences, meetings. Working and relationship with authorities and partners at national and international levels.</p> <p>Since 2008 member and head (July 2008 – June 2012) in Scientific Board of Institute of Biology.</p> <p>In period June 2006 – June 2012 member in Administrative Board of the IBB (head of Board in period 2008 – 2012).</p> <p>Good experience in project and team management (coordinating of more than five projects and participant to more than five other projects).</p>

Technical skills and competences	Used with various techniques of general microbiology, microscopy, biochemistry, molecular biology Research topics: diversity and phylogeny of halophilic microorganisms; ecology of extremely halophilic archaea, enzymology of halophilic microorganisms; nanobiotechnology.
Computer skills and competences	Word, Excel, Power-Point, NJ-Plot, Clustal, Gen-Mac, TreeView, ImageX, Adobe, etc.
Other skills and competences	Scientific evaluation of papers, projects proposals and PhD theses
Additional information	<ul style="list-style-type: none"> - scientific articles (over 120) in international and Romanian journals – detailed in annex - books eds. (11) and books chapters (15) in international and Romanian publishing house – - oral (80) and poster (120) presentations in conferences and symposia

Dr. Mădălin Enache
September 2024