



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Lucian Octav Copolovici**
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E-mail Lucian.copolovici@emu.ee
Nationality Romanian
Date of birth 13.08.1976
Gender male

Desired employment / Habilitation Occupational field

Work experience

Dates Oct 2012-present
Occupation or position held CS II
Main activities and responsibilities Research
Name and address of employer Institute of Technical and Natural Sciences Research Development of Aurel Vlaicu University, Arad
Type of business or sector Research
Dates Oct 2011-present
Occupation or position held Senior researcher
Main activities and responsibilities Research
Name and address of employer Department of Plant Physiology, Estonian University of Life Science, Tartu, Estonia
Type of business or sector University
Dates 2007-2011
Occupation or position held Researcher
Main activities and responsibilities Research
Name and address of employer Department of Plant Physiology, Estonian University of Life Science, Tartu, Estonia
Type of business or sector University
Dates 2006-2007
Occupation or position held Postdoctoral researcher
Main activities and responsibilities Research

Name and address of employer	Department of Inorganic Chemistry, Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University, Cluj-Napoca, Romania
Type of business or sector	University
Dates	2005-2006
Occupation or position held	Postdoctoral researcher
Main activities and responsibilities	Research
Name and address of employer	Ghent University, Department of Analytical Chemistry, Institute of Nuclear Science, Ghent, Belgium.
Type of business or sector	University
Dates	2004-2005
Occupation or position held	Researcher
Main activities and responsibilities	Research
Name and address of employer	Department of Plant Physiology, Tartu University, Tartu, Estonia
Type of business or sector	University

Education and training

Dates	1999-2003
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Chemistry
Name and type of organisation providing education and training	"Babes-Bolyai" University, Cluj-Napoca, Romania
Dates	1998-1999
Title of qualification awarded	M.Sc.
Principal subjects/occupational skills covered	Applied Electrochemistry
Name and type of organisation providing education and training	"Babes-Bolyai" University, Cluj-Napoca, Romania
Dates	1994-1998
Title of qualification awarded	B.Sc.
Principal subjects/occupational skills covered	Physical-Chemistry
Name and type of organisation providing education and training	"Babes-Bolyai" University, Cluj-Napoca, Romania

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()*

Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Writing	
B	English	B	English	B	English	B	English	B	English

Organisational skills and competences **Projects:**

1. *Speciation of water-soluble organic carbon and determination of major water-soluble inorganic species in atmospheric aerosols by means of ion chromatography*. Grant SPO for Est European researchers from Belgium Government, Value: 20000 EUR,

2. *Determination of monoterpene physico-chemical characteristics*, Grant European Science Foundation, Reference number 815, Value: 2400 EUR.

3. *Physico-chemical traits of and signalling by volatile compounds*, Estonian Science Foundation Grant JD 101, Value 75 415 EUR.

Sesquiterpene emission from plants induced by stress conditions, Grant European Science Foundation Reference number 1838, Value: 3000 EUR .

Compusi volatili emisi de plantele din familiile Betulacea si Fagacea indusi in tipul stresului biotic si abiotic, Grant PNII-RU-TE-2011-3-0022 , Value: 920000 RON

Projects member:

Kinetic methods for organic compounds and heavy metal, kinetic studies for substances with biological activities and oxidation process. Grant CNCSIS, 2000-2002, Master of the project: Prof. Dr. Ioan Baldea

Polymethynicdyes. Kinetic and spectral studies, Grant CNCSIS 2002-2004. Master of the project: Prof. Assoc. Dr. Ioan Panea

Kinetic studies used in hydrocarbons oxidation and kinetic methods, Grant CNCSIS 2001. Master of the project: Lect. Dr. Claudia Muresanu

Chemical systems for analytical application, Grant CNCSIS 2001-2003. Master of the project: Lect. Dr. Alexandra Rustoiu-Csavdari

Kinetic-mathematics modelling of complex reactions, Grant CNCSIS, 2002-2004, Master of the project: Prof. Dr. Ioan Bâldea

Characterisation and sources of carbonaceous atmospheric aerosols, SPO contract no. EV/02/11A, Master of the project: Prof. Dr. Willy Maenhaut, Value: 100 000 EUR

Organomercury, organoselenium and organotellurium hypervalent compounds - syntethesis, structural carcterisation in solution and solid state, reactivity, Project CEEX 19, mod 2, - postdoctoral researcher, 2006-2008, Master of the project: Prof. Dr. Cristian Silvestru, Value 70 000 EUR

Functional relations between plant structure and physiological activity, Science Foundation Grant, 2005 – 2007, Master of the project: Dr. Katja Huve Value:120 000 EUR

Constitutive and induced emission of volatile isoprenoids in forest trees, Project ETF 7645, 2008 – 2011, Master of the project: Prof. Dr. Ulo Niinemets, Value:160 000 EUR

Plant stress ecophysiology, Science Foundation Grant, 2007 – 2012, Master of the project: Prof. Dr. Ulo Niinemets, Value:300 000 EUR.

Induction of plant VOC emission by biotic and abiotic stresses and consequences for community ecology: a multidisciplinary approach (A-BIO-VOC), EUROCORES / EUROVOL, 2011-2014, Master of the project: Prof. Dr. Ulo Niinemets, Value:140 000 EUR

I was supervisor of five bachelor and two master theses in chemical physics, one bachelor thesis in plant physiology.

Course leader: "Methods and analytical techniques used for measuring Biogenic Volatile Organic Compounds (BVOC) emission from plants"- ATMOSPHERE-BIOSPHERE STUDIES (ABS) master studies

Course certificate: The new global research system – challenges facing young supervisors of today, Sagadi, Estonia, 16-19 September 2008

Referee for Romanian National University Research Council and Bulgaria Science Foundation; reviewer for "Annals of Forest Science", "Environmental Pollution", "Tree Physiology", "Atmospheric Environment", "Biogeosciences", "PNAS", "Mini-Reviews in Medicinal Chemistry", "Science of the Total Environment", "Journal of Planar Chromatography", "Anthropod-Plant Interactions", "Journal of Chemical Engineering", "Australian Journal Crop Science", "Textile Research Journal"

Referee for 3 Ph.D. thesis: two at Babes-Bolyai University, Cluj-Napoca, one at USAMVB Timisoara

Member in editorial board for Scientific Bulletin of Escorena

Technical skills and competences Spectrometry (UV/VIS, IR, diode array spectrophotometer), potentiometry, sensors, gas chromatography (FID, MS), ionic chromatography, liquid chromatography, PTR-MS, NMR, Schlenk techniques, gas - exchange techniques.

Computer skills and competences Windows, Open Office, Origin, Prism, NIST, SigmaPlot etc

Driving licence B

Additional information Scientometric parameters: P = 18,417, I = 15,629, Smed = 0,587, Citations = 187, h index 10
38 ISI articles
5 books
10 articles in other journals