

Curriculum Vitae

Personal information

Surname(s) / First name(s) **FÚSTÓS N. MELINDA-EMESE**
Marital status Not married
Children -
Address(es) Aleea Ghiocelului street 4, bl. D, sc. 5, ap. 12, Beclean, 400125, jud. B-N, România
Telephone(s) 0040746785888, 0040-264-593833, fax: 0040-264-590818
E-mail melinda.fustos@yahoo.com, melindaf@chem.ubbcluj.ro
Nationality Romanian, Hungarian
Date of birth 21.03.1985

Academic training and positions

Dates **April 2014**
Title of qualification awarded PhD in Chemistry
Name and type of organisation providing education and training “ Babeş-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Arany János street 11, Cluj-Napoca, Romania
Summa cum Laude

Dates **October 2010- January 2014**
Title of qualification awarded PhD student in Chemistry
Name and type of organisation providing education and training “ Babeş-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Arany János street 11, Cluj-Napoca, Romania

Dates **2008-2010**
Title of qualification awarded Master of Science in Chemistry
Name and type of organisation providing education and training “ Babeş-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Department of Organic Chemistry, Arany János street 11, Cluj-Napoca, Romania
Subject area of study: Modern Techniques in Chemical Synthesis
Graduation Grade: 9.25 (from max 10)

Dates **2004-2008**
Title of qualification awarded Bachelor’s degree/Chemist Diploma

Name and type of organisation providing education and training	<p>“ Babeş-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Arany János street 11, Cluj-Napoca, Romania</p> <p>Subject area of study: Chemistry</p> <p>Graduation Grade: 9.58 (from max 10)</p>
Dates	2000-2004
Title of qualification awarded	High School Diploma
Name and type of organisation providing education and training	<p>Theoretical high-school “Báthory István”, M. Kogălniceanu street 2, Cluj-Napoca, Cluj, Romania</p> <p>Subject area of study: Mathematics-Informatics</p>
Work experience	
Teaching/research/industry	
Date	2009-present
Occupation or position held	Research Assistant
Main activities and responsibilities	<p>Synthesis and functionalization of carbon nanostructures (carbon nanotubes, fullerenes, dendrimers)</p> <p>Member of research projects:</p> <ul style="list-style-type: none"> • PNCDI II, contract nr. ID_PCCE_129/2008, NANOBIOFUN • PNCDI II, contract nr. 72152/2008, BIOPLAST • PNCDI II, contract nr. 92080/2008, NANOGEN • PN-II-ID-PCE-2011-3-0346, Dendrimer-carbon nanostructure conjugates as drug delivery support • POC-A1-A1.1.4-E-2015, cod: P_37_273, nr. contract 25/1.09.2016, NEMSyB
Name and address of employer	<p>“Babeş-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Arany János street 11, Cluj-Napoca, Romania</p>
Type of business or sector	Research
Personal skills and competences	
Mother tongue(s)	Hungarian
Other language(s)	Romanian, English, Spanish

Social skills and competences	I am a sociable person, cooperative and responsible. I have good communication and interaction skills. I have proved good capabilities for working in any team and I integrate easily in a group. I am a motivated and a hard working person.
Organizational skills and competences	I am a person who knows to set and achieve objectives. I have a good capacity to adapt and work in a team with the task distribution between team members.
Technical skills and competences	-organic chemical synthesis -microwave assisted chemical synthesis -TEM-, NMR-, Raman-, elemental- , UV-Vis and HPLC analysis
Computer skills and competences	- Competences in Microsoft Office application (word, excel, powerpoint), ChemOffice, ChemDraw, ChemSketch, OPUS, Origin; - Molecular modeling calculation with Spartan, Hyperchem
Specialization	- 02/2012-08/2012 Research stage at <i>Institute for Solid State Physics and Optics-Wigner Research Centre for Physics of the Hungarian Academy of Sciences, Budapest, Hungary</i> under adviser of Prof. Dr. Kamarás Katalin - supercritical CO ₂ filling techniques of carbon nanotubes - Raman analysis of carbon nanostructures
Research interests	-organic chemistry, microwave-assisted synthesis, functionalization and modification of carbon nanostructures (nanotubes, fullerenes) - synthesis and characterization of dendrimers
Other skills and Competence	Extracurricular activities: travelling, reading, outdoor activities;
Driving Licence	B