




PERSONAL INFORMATION	FILIP ALINA
	Arany Janos Str. nr. 11 RO-400028, Cluj Napoca
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	http://www.chem.ubbcluj.ro/BIO/CENTRU/index.php http://chem.ubbcluj.ro/~cslbencze/grants/promys/sites/people.html
	Sex Female Date of birth 13.02.1989 Nationality Romanian

WORK EXPERIENCE

01.02.2017 → 26.02.2020	Assistant Professor Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, no. 11, str. Arany Janos, 400028 Cluj Napoca (Romania) <ul style="list-style-type: none"> ▪ Laboratory courses of Elements of biochemistry and Biochemistry
01.01.2015 → 30.09.2020	Researcher in different National and European projects Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, no. 11, str. Arany Janos, 400028 Cluj Napoca (Romania) <ul style="list-style-type: none"> ▪ <i>MIO-enzyme toolbox for the synthesis of non-natural amino acids, PROMYS, IZ11Z0_166543/1</i> ▪ <i>Mio-enzyme kit with defined and extended substrate domain - PN-II-RU-TE-2014-4-1668, 264/01.10.2015</i> ▪ <i>Integrated green technology system for producing advanced biofuels, PN-II-PT-PCCA-2013-4-1006; 65/2014</i>
15.07.2016 → 30.09.2016	PhD student (Scholarship ERASMUS - Outgoing students placements) <ul style="list-style-type: none"> ▪ Faculty of Chemical Technology and Biotechnology of Budapest University of Technology and Economics
01.06.2015 → 30.09.2015	PhD student (Scholarship POSDRU) <ul style="list-style-type: none"> ▪ Institute of Enzymology of the Hungarian Academic of Science, 1117 Budapest, Magyar tudósok körútja 2. "Young successful researchers professional development in an international and interdisciplinary environment" - POSDRU/159/1.5/S/132400
03.09.2012 → 04.02.2013	Voluntary in Clinical Laboratory of the CFR Hospital from Cluj-Napoca Hospital Clinical CFR, Cluj-Napoca (România), Republicii Street, No. 18 <ul style="list-style-type: none"> ▪ Determination analysis from category: - microbiology, hematology, coagulation, biochemistry, serology determination.

EDUCATION AND TRAINING

July 2019	Doctor of Science (chemistry) ISCED 6A Calificative: <i>Summa cum Laude</i> <ul style="list-style-type: none"> ➢ Wild-type and tailored phenylalanine ammonia-lyases for the synthesis of unnatural L- and D arylalanines
October 2013 → June 2019	PhD student (Chemistry) Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca (Romania) Arany Janos Street, No. 11. <ul style="list-style-type: none"> ▪ Chemistry domain
2011 → 2013	Master's Degree ISCED 5A Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca (Romania), Clinicilor Street, No. 3-5 <ul style="list-style-type: none"> ▪ Cellular Biotransformations Specialization
2011 → 2013	Graduate Teacher Certificate – Level II
2008 → 2011	Graduate Teacher Certificate – Level I Department For Teacher Training, Babes-Bolyai University, Cluj-Napoca (Romania), Sindicatelor Street, No. 7
2008 → 2011	Bachelor's Degree in Biology ISCED 4A Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca (Romania) Clinicilor Street, No. 3-5

PERSONAL SKILLS

Mother tongue(s)	▪ Romanian
Other language(s)	▪ English (Independent user, level B2), Italian (level B1) and French (level A2)
Research skills	<ul style="list-style-type: none"> ▪ Site-directed mutagenesis, directed evolution and cloning, Polymerase Chain Reaction (PCR), Gel electrophoresis (SDS-PAGE, native and agarose) and Western-Blot (WB), ▪ Expression and purification of proteins, ▪ Fast Protein Liquid Chromatography (FPLC) and Immobilized metal affinity chromatography (IMAC), ▪ Nano differential scanning fluorimetry (NanoDSF) - protein stability, ▪ UV-vis spectrophotometry, Kinetic measurements, Biocatalysis, High Performance Liquid Chromatography (HPLC), Polarimetry, ▪ Organic synthesis (basic level) ▪ Testing the active compounds from plants on Wistar rats, Hematological, morphological and biochemical determinations.
Communication skills	<ul style="list-style-type: none"> ▪ Team spirit: I have a teamwork experience since undergraduate years, when I participated in numerous activities based on practical and research projects conducted in the faculty. ▪ Confident, optimistic and communicative. ▪ Participation at conferences, workshops and student practices
Organisational / managerial skills	<ul style="list-style-type: none"> ▪ Good experience of project and team management. ▪ Head of the Master Cell biotransformation in during 2011-2013 ▪ Scientific Co-coordinator for license and dissertation during 2013-Present ▪ Didactic activities: laboratory + seminar, during 2013-Present: Elements of biochemistry, Biochemistry, Food Biotechnologies, Foodstuffs technology and Pharmaceutical biotechnology
Digital competence	▪ Microsoft Office, C++, CLC workbench, BioEdit, Mega 4, RasTop, Dotlet and ChemBioDraw, MestReNova, SnapGene, Matlab, ViewerLite
Other skills	▪ Hobbies: painting and photography
Driving licence	▪ Category B

ADDITIONAL INFORMATION

Publication list, books, conference publications, awards and seminars are listed in the CV annex at <https://www.brainmap.ro>
 Scientific articles: 8, Hindex 3
 Web of Science ResearcherID: AAB-6602-2019
 ORCID ID: 0000-0001-6820-9204
 UEFISCDI ID (UEF-ID): U-1700-037Y-5819
 ScopusID 55935420300