


PERSONAL INFORMATION	FILIP ALINA
	Arany Janos Str. nr. 11 RO-400028, Cluj Napoca
	+40756289060 ✉ filip_alina_m@yahoo.com afilip@chem.ubbcluj.ro
	http://www.chem.ubbcluj.ro/BIO/CENTRU/index.php http://chem.ubbcluj.ro/~cslbencze/grants/promys/sites/people.html
	Sex: Female Date of birth: - Nationality: Romanian

WORK EXPERIENCE

01.02.2017 → 26.02.2020	<p>Teaching assistant Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, no. 11, str. Arany Janos, 400028 Cluj Napoca (Romania)</p> <ul style="list-style-type: none"> Laboratory courses of Elements of biochemistry, Biochemistry, Microbiology, Genetic engineering Biocatalysis, and Food Technology.
01.09.2020 → 30.08.2022	<p>Project leader - PN-III-P1-1.1-PD-2019-1222 <i>Protein engineering of ferulic acid decarboxylase from <i>Saccharomyces cerevisiae</i> (PEN-FDC)</i></p>
01.01.2015 → 30.09.2020	<p>Researcher in different projects Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, no. 11, str. Arany Janos, 400028 Cluj Napoca (Romania)</p> <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>
03.09.2012 → 04.02.2013	<p>Voluntary in Clinical Laboratory of the CFR Hospital from Cluj-Napoca Hospital Clinical CFR, Cluj-Napoca (România), Republicii Street, No. 18</p> <ul style="list-style-type: none"> Determination analysis from category: - microbiology, hematology, coagulation, biochemistry, serology determination.

EDUCATION AND TRAINING

01.02.2020 → 01.02.2021	<p>Postdoctoral scholarship through project “Entrepreneurship for Innovation through Doctoral and Postdoctoral Research”, POCU/360/6/13/123886</p> <ul style="list-style-type: none"> Project co-financed from the European Social Fund through the Human Capital Operational Program 2014-2020
15.07.2016 → 30.09.2016	<p>PhD student (Scholarship ERASMUS - Outgoing students placements)</p> <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	<p>PhD student (Scholarship POSDRU)</p> <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

July 2019 October 2013 → June 2019	Doctor of Science (chemistry) Calificative: Summa cum Laude > Wild-type and tailored phenylalanine ammonia-lyases for the synthesis of unnatural L- and D arylalanines PhD student (Chemistry) Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca (Romania) Arany Janos Street, No. 11. ▪ Chemistry domain
2011 → 2013	Master's Degree Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca (Romania), Clinicilor Street, No. 3-5 ▪ Cellular Biotransformations
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 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) and Italian (level B1)
Research skills	▪ 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	▪ 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	▪ 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, Microbiology, Genetic engineering, Food Biotechnologies, Foodstuffs technology and Pharmaceutical biotechnology. ▪ Bioinformatics.
Digital competence	▪ Microsoft Office, C++, CLC workbench, BioEdit, Mega 4, RasTop, Dotlet and ChemBioDraw, MestReNova, SnapGene, Matlab, ViewerLite
Other skills	▪ Hobbies: painting, photography and cycling
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: 12, Hindex 5
 Web of Science ResearcherID: AAB-6602-2019
 ORCID ID: 0000-0001-6820-9204
 UEFISCDI ID (UEF-ID): U-1700-037Y-5819
 ScopusID 55935420300

I hereby state on my own responsibility that the data presented is accurate.

Date: December 1, 2021

