

Europass Curriculum Vitae



Personal information

Name **Filip Alina**
Address Nr.108, postal code 437132, Libotin, Tirgu Lapus, Romania
Telephone(s) +40262381706 Mobile: +40756289060
Fax(es)
E-mail fillip_alina_m@yahoo.com
Nationality Romanian
Date of birth 13.02.1989
Gender Female

Work experience

Dates 03.09.2012 →04.02.2013
Occupation or position held **Volunteer in Clinical Laboratory of the CFR Hospital from Cluj-Napoca**
Main activities and responsibilities Determination analysis from category:

- microbiology , hematology, coagulation, biochemistry, serology, determination.

Name and address of employer Hospital Clinical CFR , Cluj –Napoca (România)
Republicii Street, No. 18
Type of business or sector Laboratory activity

Education and training

Dates 1 octomber 2013→ onwards
Title of qualification awarded **PhD in Chemistry**
Principal subjects/occupational skills covered **Biotransformation in the synthesis of unnatural amino acids**

- Enzymatic biotransformation in organic chemistry, NMR in Organic Chemistry,
- Didactic activities (laboratory, seminar, license thesis and dissertations guidance)
- Chemical synthesis
- Expression and purification of proteins
- Esessed the purity of protein samples by SDS-PAGE electrophoresis
- Spectrophotometer measurements
- HPLC analysis

Name and type of organization providing education and training Faculty of Chemistry and Chemical Engineering , Babes-Bolyai University, Cluj-Napoca (Romania)
Arany Janos Street, No. 11
Level in national or international classification ISCED 6A
Dates 2011→2013

Title of qualification awarded	Master's Degree																																																		
Principal subjects/occupational skills covered	Cellular Biotransformations Specialization <ul style="list-style-type: none"> Advanced Biochemistry, Advanced Engineering enzymatic bioprocesses and fermentation, Advanced Enzymology, Biotransformation applied in the food industry, pharmaceutical and organic industries, Selective biotransformation, Cellular Signalling, Bioinformatics and Recombinant DNA technology. Determination of parameters using the spectrophotometer Testing of active compounds from plants on rats 																																																		
Name and type of organization providing education and training	Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca (Romania) Clinicilor Street, No. 3-5																																																		
Level in national or international classification	Master, ISCED 5A																																																		
Dates	2008-2011																																																		
Title of qualification awarded	Bachelor's Degree in Biology																																																		
Principal subjects/occupational skills covered	Organic Chemistry, General Cytology, Molecular and Cellular Biology, Biochemistry, Human Histology and Anatomy, Genetics, Animal Physiology, Immunology, Hematology																																																		
Name and type of organization providing education and training	Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca (Romania) Clinicilor Street, No. 3-5																																																		
Level in national or international classification	ISCED 5A																																																		
Dates	2008-2011																																																		
Title of qualification awarded	Pedagogical diploma																																																		
Principal subjects/occupational skills covered	Psychopedagogical, psychosocial and managerial competences, needed in the didactic career																																																		
Name and type of organization providing education and training	Babes-Bolyai University, Cluj-Napoca (Romania) Sindicatelor Street, No. 7																																																		
Level in national or international classification																																																			
Personal skills and competences																																																			
Mother tongue(s)	Romanian																																																		
Self-assessment																																																			
<i>European level (*)</i>																																																			
English																																																			
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	(*) <i>Common European Framework of Reference for Languages</i>																																																		
Social skills and competences	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 Member of the Romanian Society for Cell Biology since May 2012																																																		
Organisational skills and competences	Good experience of project and team management. Head of the Master Cell biotransformation in during 2011-2013 and responsible for a 6 member research team during 2011-2013.																																																		

Technical skills and competences	HPLC, organic synthesis, chiral separations, NMR spectroscopy, UV-VIS spectroscopy, enzyme kinetics, affinity chromatography, PCR, protein expression techniques, cell isolation, enzymatic activities, electron microscopy, chromatographic techniques. Use of equipment: Thrombolyzer, Thermo scientific, LabUReader Plus, D-Cells 60 Auto hematology analyzer, thrombotimer 4 channel.
Computer skills and competences	A good grasp of programming languages such as C++, operating skills in Microsoft Office, operating skills in CLC workbench, Mega 4, RasTop, Dotlet and ChemBioDraw, MestReNova.
Artistic skills and competences	Passionate about painting and sculpture.
Other skills and competences	Hobbies: tennis and volleyball.
Driving licence	Category B

Additional information

Publications:

Toma V. A., **Filip A.**, Mirescu C. S., Farcaș A., Roșioru Corina: Biofilm organic enrichment *in vitro*, Annals of rom. Soc. Cell Biol., XVIII, 2, 2013, Ardelean, A. and Crăciun, C. (Eds), Ed. Risoprint, Cluj Napoca, Romania, p.129-135.

Presentations at conferences :

Berlean R., Tarba C., **Filip A.**, Simeoni I., SzökeNagy T., Munteanu C., Uțiu I., Crișan M., Mantu A., Roșioru C., Hepatoprotective effects of *Spirulina* in ethanol-intoxicated rats, Bul. SRBC, No. 39, 3rd International Congress and 29th Annual Scientific Session of Romanian Society For Cell Biology June, 8-12, 2011, Arad-Szeged, poster.

Crișan M. A., Utiu I., Munteanu C., Luckaci C., **Filip A.**, Crăciun C., Roșioru C., Lang C., Red bull in combination with alcohol has surprising effect on the liver, Bul. SRBC, No. 40, 4rd International Congress and 30th Annual Scientific Session of Romanian Society For Cell Biology June, 13-17, 2012, Satu-Mare - Debrecen, p.54, summary

Filip A., Roșioru C.: Contribuții privind acțiunea semnițelor de schinduf în situații normale și patologice induse, Simpozionul Național "Tinerii Cercetători În Științe Biologice" ediția I, Cluj-Napoca, 24-26 Mai, 2013, p.55-56.

Filip A., Farcaș A., Sindilaru M., Vlad Toma., Danaila A. M., Teodoru C., Rosioru C.: Hematological change induced by fenugreek seed flour in alcoholic rats, Bul. SRBC, No. 41, 5rd International Congress and 31th Annual Scientific Session of Romanian Society For Cell Biology June 5-9, 2013, Timișoara p.57, summary.

Filip A., Utiu I., Munteanu C., Guțu M., Szoke-Nagy T., Crăciun C., Guțu D., Lang C., Roșioru C., *Trigonella foenum-grecum* seed – A natural hepatoprotector, Bul. SRBC, No. 40, 4rd International Congress and 30th Annual Scientific Session of Romanian Society For Cell Biology June, 13-17, 2012, Satu-Mare - Debrecen, p.59, summary.

Lukaci C. B., Munteanu C., Crișan M., Uțiu I., **Filip A.**, Crăciun C., Tripon S, Roșioru C., Lang., Unexpected change by red bull mixed with alcohol on central nervous system, Bul. SRBC, No. 40, 4rd International Congress and 30th Annual Scientific Session of Romanian Society For Cell Biology June, 13-17, 2012, Satu-Mare - Debrecen, p.55, summary.

Munteanu C., Uțiu I., **Filip A.**, Crișan M., Szoke-Nagy T., Crăciun C., Roșioru C., Lang C., The effect induced by consumption the red bull energy drink on the central nervous system, Bul. SRBC, No. 39, 3rd International Congress and 29th Annual Scientific Session of Romanian Society For Cell Biology June, 8-12, 2011, Arad-Szeged, p.42, summary.

Munteanu C., Lukaci C., Utiu I., Crișan M., **Filip A.**, Crăciun C., Tripon S., Roșioru C., Lang C., Biochemichal and ultrastructural effects of red bull consumption on central nervous system, Bul. SRBC, No. 40, 4rd International Congress and 30th Annual Scientific Session of Romanian Society For Cell Biology June, 13-17, 2012, Satu-Mare - Debrecen, p.56, summary.

Pribac G., Simeoni I., Szoke-Nagy T., Lang C., Munteanu C., Uțiu I., Mantu A., **Filip A.**, Crișan M., Crăciun C., Ardelean A., Roșioru C., *Trigonella foenum-grecum* seed protect against ethanol chronic toxicity in rats, Bul. SRBC, No. 39, 3rd International Congress and 29th Annual Scientific Session of Romanian Society For Cell Biology June, 8-12, 2011, Arad-Szeged, p. 45, summary.

Szoke-Nagy T., Pribac G., Crăciun C., Simeoni I., Roșioru C., Lang C., Mantu A., Crișan M., **Filip A.**, Uțiu I., Munteanu C., Hypoglycemiant effect of Fenugreek sees (*Trigonella foenum-grecum*) in streptozotocin-induced diabetic rats, Bul. SRBC, No. 39, 3rd International Congress and 29th Annual Scientific Session of Romanian Society For Cell Biology, June, 8-12, 2011 Arad-Szeged, p.46, summary.

Toma V. A., **Filip A.**, Mirescu C. S., Farcaș A., Roșioru Corina.: Effect hyoscine N-butylbromide on the skeletal muscle contraction in Wistar rat – A few physiological aspects, Bul. SRBC, No. 41, 5rd International Congress and 31th Annual Scientific Session of Romanian Society For Cell Biology June 5-9, 2013, Timișoara p.184, poster.

Trif M., **Filip A.**, Crăciun C., Muntean C., Uțiu I., Szoke-Nagy T., Lukaci C., Tripon S., Roșioru C., Biological activities of furil-benzothiazole (R) – and (S) enantiomers and racemic in the liver of ethanol-intoxicated rats, Bul. SRBC, No. 40, 4rd International Congress and 30th Annual Scientific Session of Romanian Society For Cell Biology June, 13-17, 2012, Satu-Mare - Debrecen, p.62, summary.

Uțiu I., Munteanu C., Crișan M., **Filip A.**, Simeoni I., Crăciun C., Roșioru C., Lang C., Metabolic effects of red bull consumption on liver, Bul. SRBC, No. 39, 3rd International Congress and 29th Annual Scientific Session of Romanian Society For Cell Biology, June, 8-12, 2011 Arad-Szeged, p.43, summary.

