

**PERSONAL  
INFORMATION**


Bartha-Vari Judith-Hajnal


**EDUCATION AND  
TRAINING**

2012-present	PhD study Babes-Bolyai University, Cluj-Napoca, Romania	
2010-2012	Master's degree Babes-Bolyai University, Cluj-Napoca, Romania	9.50 (out of 10)
February 2011 - July 2011	▪ Engineering of Organical and Biochemical Processes Internship University of Tehnology and Economics, Budapest, Hungary	
2006-2010	▪ Research - new acylating agents Bachelor's degree Babes-Bolyai University, Cluj-Napoca, Romania	9.05 (out of 10)
2002-2006	▪ Biochemical Engineering High School Bathory Istvan High School, Cluj-Napoca, Romania	9.47 (out of 10)
	▪ Mathematics - Informatics	

**PERSONAL SKILLS**

Mother tongue	Hungarian				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Romanian	C2	C2	C2	C2	C2
English	C1	C1	C1	C1	B2
German	B1	B1	A2	A2	B1
Computer skills	Microsoft Office, ChemDraw				

Social skills TeamWork  
Driving licence B

ADDITIONAL  
INFORMATION

List of publications

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Bartha-Vári, J.H., Tosa, M.I., Irimie, F.-D., Weiser, D., Boros, Z., Vértessy, B.G., Paizs, C., Poppe, L., **2015**. Immobilization of phenylalanine ammonia-lyase on single-walled carbon nanotubes for stereoselective biotransformation in batch and continuous-flow modes. *ChemCatChem*, 7, 1122-1128

Bencze C. L., Bartha-Vári J.H., Katona G, Toşa M. I., Paizs Cs., Florin-Dan Irimie, **2016**, Nanobioconjugates of *Candida antarctica* lipase B and single-walled carbon nanotubes in biodiesel production. *Bioresource Technol* 200, 853-860

Conferences presentations

Bartha-Vári, J.H., Bencze, L.C., Toşa, M.I., Paizs, C., Irimie, F.D., Functionalized Nanotubes Supported Lipases for Biodiesel Synthesis, *Young Researchers' International Conference on Chemistry and Chemical Engineering*, 12nd-14<sup>th</sup> May, **2016**, Cluj-Napoca, Romania – oral presentation

Bartha-Vári, J.H., Nagy, E.Z., Gal, C.A., Bencze, L.C., Toşa, M.I., Irimie, F.D., Abaházi, E., Poppe, L., Paizs, C., CaL-B Immobilized on Single Walled Carbon Nanotubes as Efficient Biocatalyst for the Kinetic Resolution of 1-(Hetero)aryl –Ethanol, COST Action CM1303 “*SysBiocat*” *Training School*, 27<sup>th</sup>- April-1<sup>st</sup> May, 2016, Certosa di Pontignano, Italy - poster

Vári, J.H., Varga, A., Poppe, L., Irimie, F.D., Paizs, C., Covalent Immobilization of Phenylalanine Ammonia Lyase on Functionalized Single Walled Carbon Nanotubes, *COST Action CM1303 “SysBiocat” Training School*, 28<sup>th</sup> May-1<sup>st</sup> June, **2014**, Certosa di Pontignano, Italy - poster

Vári, J.H., Varga, A., Poppe, L., Irimie, F.D., Paizs, C., Covalent immobilization of Phenylalanine Ammonia Lyase on Functionalized Single-Walled Carbon Nanotubes, *COST Action CM1303 "SysBiocatl Kick-off Workshop*, 10<sup>th</sup>-14<sup>th</sup> April, **2014**, Madrid, Spain – oral presentation

Vári, J.H., Poppe, L., Irimie, F.D., Paizs, C., Fenil-alanin ammónia-liáz (PAL) és Candida Antarctica lipase B (CaL-B) kovalens immobilizálása funkcionizált egyfalú szén nanocsövön (SWNT), *19<sup>th</sup> International Conference on Chemistry*, 21<sup>st</sup> – 24<sup>th</sup> November, **2013**, Baia-Mare, Romania - oral presentation