



Europass Curriculum Vitae

Personal information

First name/ Surname **Habil. Dr. Csaba Paizs**
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E-mail paizs@chem.ubbcluj.ro
Citizenship Romanian
Nationality Hungarian
Date of birth 01 April 1969
Gender Male

Occupational field **Professor**

Work experience

Dates 01 October 1996 - 01 March 2007
Occupation or position held Teaching assistant, Lecturer
Main activities and responsibilities Education and research
Name and address of employer Babeş-Bolyai University, Mihail Kogălniceanu 1, Cluj-Napoca (Romania)
Dates 01 March 2007 - 26 September 2015
Occupation or position held Associate Professor
Main activities and responsibilities Education and research
Name and address of employer Babeş-Bolyai University, Mihail Kogălniceanu 1, Cluj-Napoca (Romania)
Dates 2012 →
Main activities and responsibilities PhD supervisor in chemical science
Name and address of employer Babeş-Bolyai University, Mihail Kogălniceanu 1, Cluj-Napoca (Romania)
Dates 27 September 2015 →
Occupation or position held Professor
Main activities and responsibilities Education and research
Name and address of employer Babeş-Bolyai University, Mihail Kogălniceanu 1, Cluj-Napoca (Romania)

Education and training

Dates 15 March 2012→
Title of qualification awarded Habilitated Doctor in chemical science
Dates 01 October 1996 - 15 June 2001
Title of qualification awarded PhD Chemistry

Name and type of organisation providing education and training	Babeş-Bolyai University																														
Dates	01 October 1994 - 15 June 1995																														
Title of qualification awarded	Master degree in Catalysis and Biocatalysis																														
Name and type of organisation providing education and training	Babeş-Bolyai University																														
Dates	15 September 1989 - 14 June 1994																														
Title of qualification awarded	Chemical Engineer																														
Name and type of organisation providing education and training	Babeş-Bolyai University																														
Personal skills and competences																															
Mother tongue(s)	Romanian, Hungarian																														
Other language(s)	English																														
Self-assessment																															
<i>European level</i>																															
English																															
	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C2	Proficient user
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Listening		Reading		Spoken interaction		Spoken production																									
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Research interests	<p><i>Synthetic Chemistry:</i> Stereoselective biotransformations (lipases, esterases, oxidoreductases, ammonia-lyases)</p> <p><i>Biochemistry:</i> Enzyme mechanistic studies; Study of the stereoselectivity of lipases at molecular level; Application of molecular biology tools;</p> <p><i>Biotechnology:</i> Development of biocatalysts (enzyme immobilizations, modifications, novel lipases, hydrolases, MIO-enzymes) – Application of microreactor systems filled with covalently immobilized enzymes for biotransformations</p> <p><i>Analytical chemistry:</i> chromatographic separation of enantiomers and proteins</p>																														
Teaching	Biochemistry, Enzymology, Biocatalysis, Biotechnology, Asymmetric Synthesis; (lectures, lab practice) Diploma supervisor, since 1999 (~ 5 students / year)																														
Organisational skills and competences	Project manager of national grants for young researchers (2), Ideas (2) and Joint Applied Research Projects (1); Project responsible of national Joint Applied Research Projects (2)																														
Academic administration																															
Scientific organisation memberships	Romanian Chemical Society, Romanian Chemical Engineering Society, Transylvanian Hungarian Science and Technology Association,																														
Committee membership	National Committee for the Accreditation of Academic Titles, Degrees and Diplomas, Chemistry and Chemical Engineering section (2011-2012), COST CM1303 action (Systems Biocatalysis, SysBiocat): Romanian Member of Committee																														
Referee for scientific journals	<i>Appl. Biochem. Biotechnol.</i> – <i>Adv. Synth. Catal.</i> – <i>Biocat. Biotechnol. J. Mol. Catal. B, Enz.</i> – <i>Molecules</i> – <i>Plos-ONE</i> – <i>Proc. Biochem.</i> – <i>Tetrahedron: Asymmetry</i> , etc .																														
Activity in scientific evaluations	Project evaluations: for national level projects for Romania - CNCSIS, Hungary - OTKA and Netherland - NWO. PhD evaluations as member of evaluation committees (in Romania and Hungary)																														
Technical skills and competences	Development of the Biocatalysis and Asymmetric enzymatic synthesis lab. Development of the Enzymology lab.																														
Fellowships	<p><i>CIMO Postdoc fellowship</i> (University of Turku, Finland, in the group of Prof. Liisa T. Kanerva): enzymatic DKR of heteroaryl-cyanohydrins (2002)</p> <p><i>EU granted Postdoc Fellowship</i> (Department of Biochemistry, University of Karlsruhe, Germany; in the group of Prof. János Rétey): MIO enzymes, transhydroxylases, phosphatases (2003-2005)</p>																														

Scientific achievements	3 Monographs (co-author) – 2 book chapters (on MIO-enzymes and enzymatic polymerization) – 65 Scientific articles (IF ~132) – all/independent citations ~ 700/600 – h-index: 14 – 1 Romanian Patent – ~ 60 Conference lectures / posters
Awards	The “Oláh György” prize of the Hungarian Academy of Science (2007)