

CURRICULUM VITAE

Personal information

Surname(s) / First name(s) **TOȘA MONICA IOANA**
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Date of birth 01.05.1967

Academic training and positions

Dates 2015
Title of qualification awarded Abilitation in Chemistry: *BIOCATALYTIC APPROACHES FOR THE STEREOSELECTIVE SYNTHESIS OF CHIRAL BUILDING BLOCKS*
Dates 1991-2001
Title of qualification awarded PhD in Chemistry: *STEREOSELECTIVE SYNTHESIS IN THE PHENOTHIAZINE SERIE*
Name and type of organisation Babes-Bolyai University, Cluj-Napoca
Dates 1985-1990
Title of qualification awarded Chemical Engineer, Diploma *Magna cum Laude*
Name and type of organisation Babes-Bolyai University of Cluj-Napoca, Faculty of Chemistry and Chemical Engineering

Work experience

Name and address of employer Babes-Bolyai University of Cluj Napoca, Faculty of Chemistry and Chemical Engineering , Department of Biochemistry and Biochemical Engineering, M. Kogălniceanu nr.1
Date **2017-present**
Occupation or position held Professor
Main activities and responsibilities *Teaching:* Biotechnology of drugs, Biotechnology of Foods, Biotransformation; *Applied bioprocesses;* responsible for Biochemical Engineering, Organic and Biochemical Process Engineering programs
Research: Chiral drug and building blocks by biotransformation and chemoenzymatic synthesis; immobilized biocatalysts; bioreactors and bioprocesses
Dates **2008-2017**
Occupation or position held Associated professor
Dates **1998-2008**
Occupation or position held Lecturer
Dates **1994-1998**

Occupation or position held	Teaching assistant
Dates	1990-1994
Occupation or position held	Research assistant
Dates	July 2004-september 2004
Occupation or position held	Researcher – DAAD fellowship
Name and address of employer	Technical University Karlsruhe, Institute for Organic Chemistry and Biochemistry, Germany
Dates	1993-1998
Occupation or position held	Teaching assistant
Dates	May 1997-september 1998
Occupation or position held	Researcher – DAAD fellowship
Name and address of employer	Technical University Karlsruhe, Institute for Food Technology, Germany
Dates	1990-1993
Occupation or position held	Laboratory assistant
Personal skills and competences	
Mother tongue(s)	Romanian
Other language(s)	German, English
Social skills and competences	Team spirit, good communication skills
Organizational skills and competences	Good experience in team and projects management Reviewer for relevant journals in the field of bioorganic synthesis, bioprocess and bioengineering
Technical skills and competences	Useful skills in purification and immobilization of enzymes, biocatalysis, designing and control of drug synthesis, pilot plant for organic synthesis, biotransformations, organic compounds spectral analysis
Computer skills and competences	Good experience with Microsoft Office tools (word, excel, power-point, chem-office)
Research interests	Biocatalysis, Bioorganic synthesis, Drug development, Bioprocesses and bioreactors

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