

### **Personal Information:**

**Name:** Zamfir Alina-Diana | **Date and place of birth:** 11/06/1969, Timisoara, Romania |

**Nationality/mother tongue:** Romanian | **E-mail:** alina.zamfir@uav.ro

### **Work experience:**

Professor – Aurel Vlaicu University of Arad, Romania (**since 2008**); Associate Professor – Aurel Vlaicu University of Arad, Romania (**2006-2008**);

PhD supervisor – Faculty of Physics, West University of Timisoara, Romania (**since 2014**);

Senior Scientific Researcher and Principal Investigator, Head of Biological Mass Spectrometry Group – National Institute for Research & Development in Electrochemistry and Condensed Matter, Timisoara, Romania (**since 2006**);

Privat Dozent/PhD supervisor – Institute for Medical Physics and Biophysics, Westfälische Wilhelms-Universität Münster, Germany (**2005-2006**);

Postdoctoral Researcher – Institute for Medical Physics and Biophysics, Westfälische Wilhelms-Universität Münster, Germany (**2001-2005**);

Research Assistant – Institute for Medical Physics and Biophysics, Westfälische Wilhelms-Universität Münster, Germany (**1999-2001**);

Research Associate - National Institute for Research & Development in Electrochemistry and Condensed Matter, Timisoara, Romania (**1992-1999**);

Univ.-Assistant – Faculty of Physics, West University of Timisoara, Romania (**1992-1999**).

### **Education and Training:**

Habilitation in Physics – Faculty of Physics, West University of Timisoara, Romania (**2013**);

Habilitation with *Venia Legendi* in Biophysics – Institute for Medical Physics and Biophysics, Faculty of Medicine, Westfälische Wilhelms-Universität Münster, Germany (**2005**);

PhD in Physics – Faculty of Physics, Babes-Bolyai University of Cluj-Napoca, Romania (**2001**);

Diploma in Physics – West University of Timisoara, Romania (**1992**).

### **Foreign languages:**

English (fluent); German (well); Italian (well); French (well).

### **Publications:**

**90 original articles and invited review articles of which 68 as the main (first and/or corresponding) author, published *in extenso* in the following journals:** *Angewandte Chemie*, *Anal. Chem.*, *Lab on a Chip*, *Biochim. Biophys. Acta (Mol. Cel. Biol. of Lipids)*, *J. Am. Soc. Mass Spectrom.*, *J. Chromatogr. A*, *Glycobiology*, *Anal. Bioanal. Chem.*, *J. Mass Spectrom.*, *J. Proteome Res.*, *Proteomics*, *Electrophoresis*, *Carbohydr. Res.*, *Rapid Commun. Mass Spectrom.*, *Anal.*

Biochem., Amino Acids, Matrix Biology, Mol. Biosystems, Glycoconj. J., Eur. J. Mass Spectrom., Cent. Eur. J. Chem.

**10 chapters (9 as the main author) in books** published by Springer, Royal Society of Chemistry, Humana Press, Apple Academic Press, of which 3 in Methods in Molecular Biology series.

### **Conferences:**

**Over 200 presentations** (invited lectures, oral and poster contributions) at prestigious international scientific meetings such as: International Mass Spectrometry Conference, German Society for Mass Spectrometry Conference, Austrian Mass Spectrometry Forum, FENS Forum, Int. Carbohydrate Symposium, Int. Symposium on Glycoconjugates, American Society for Mass Spectrometry Conference, American Society for Glycobiology Conference, World Biotechnology Congress, International Nanotechnology Congress etc.

**Organization (Chair) of 3 International Mass Spectrometry Conferences** (Herculane, Romania, 2007; Sinaia, Romania 2009; Timisoara, Romania, 2011).

### **Projects:**

**Principal Investigator (director, co-director or leader of the partner team) in 13 national and international scientific research projects** financed by the Romanian National Authority for Scientific Research, EU (FP7), NATO and GENZYME, Germany, CEE GmbH.

### **Reviewer:**

Nature Protocols; Nature Methods; Chemical Science; Clinical Chemistry; Anal. Chem.; Mass Spectrom. Rev.; Lab Chip; Electrophoresis; Glycobiology; J. of Chromatogr. A and B; J. Sep. Sci.; Rapid Commun. Mass Spectrom.; Eur. J. Neurol.; J. Mass Spectrom.; Anal. Bioanal. Chem.; Anal. Biochem.; J. Am. Soc. Mass Spectrom.; J. Biomol. Screen.; Carbohydr. Res.; Glycoconj. J.; Amino Acids; Proteomics; Moll. Cell. Proteomics; J. Proteome Res.; Aust. J. Chem.; J. Biotechnol.; Anal. Chim. Acta; Mol. Genetics and Metabolism etc.

### **Honours and awards:**

American Society for Glycobiology Award for young researchers in the field of Glycobiology (2002);

Frauen Habilitation prize, Westfälische Wilhelms-Universität Münster, Germany (2005);

Research of Excellence Award for Scientific Project of the National Authority for Scientific Research (ANCS, 2007);

Romanian Academy for Medical Sciences Award for the paper: *Investigation of novel under- and over-sulfated regions in decorin glycosaminoglycans by electrospray ionization collision-induced dissociation multistage mass spectrometry* (2008);

Elsevier Award for Top Cited Article: *Recent advances in sheathless interfacing of capillary electrophoresis and electrospray ionization mass spectrometry* by A. D. Zamfir, J. Chromatogr. A 1159, 2–13, 2007. (2010);

Löhn Biomedical Award for the project: *Establishment and Validation of Diagnostic Screening Methodology of Patients with Lysosomal Storage Diseases Using LC-MS/MS Technology* (2010);

I.G. Murgulescu Award of the Romanian Academy for the group of articles: *Mass Spectrometry Applied to the Study of Biological Macromolecules*. (2011);

Professor Bologna Award of the National Association of Romanian Student Organizations (2014).

**Memberships:**

President of the Romanian Society for Mass Spectrometry (RSMS-since 2009);

Member of the German Society for Mass Spectrometry (DGMS);

Member of the American Society for Mass Spectrometry (ASMS);

Member of the European Neuroscience Society (FENS).

**Visiting Professor:**

Konstanz University, Germany (2008-2012)

Clarkson University, NY, USA (2016-present)

**Citations:**

**1696 citations in Thomson-Reuters indexed journals.**

**Hirsch index: 25.** <http://www.researcherid.com/rid/B-6548-2011>

15. 01. 2018

Prof. Dr. Abil. Alina D. Zamfir

