

PERSONAL INFORMATION

Dana Alina MAGDAS



 37 Ady-Endre STR, 400064 CLUJ-NAPOCA, ROMANIA

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Date of birth: 1st. of March 1974

Natinality: Romanian

WORK EXPERIENCE

2014-today: CS I, Head of Mass Spectrometry, Chromatography and Applied Physics, National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca

2014-2018: Head of Accredited Laboratory of Mass Spectrometry, Chromatography and Ion Physics, National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca

2014-today: Head of Applications of Stable Isotopes at Natural Abundance and Elemental Screening at Ultra-traces Level Group

2009- 2013: Head of Stable Isotopes Applications Group

2007 - 20013: Senior researcher CS III, CS I in Mass Spectrometry, Chromatography and Applied Physics Department, National Institute for Research and Development of Isotopic and Molecular Technologies

2002-2006: PhD student, Department of Biomedical Physics, Faculty of Physics, "Babes-Bolyai" University

1996-2003: teacher of physics at different top colleges in Cluj-Napoca

EDUCATION AND TRAINING

2008: *Master degree in Environmental Management, Technical University, Cluj-Napoca, Romani*

2003 - 2007: "Babes-Bolyai" University, Faculty of Physics

PhD Studies in the field of material science, molecular physics - **Doctor in Physics Diploma**

1995 - 1996: Technical University, Cluj-Napoca, Romania - **Master's Degree in Computer Sciences**

1992 - 1996: "Babes-Bolyai" University, Faculty of Physics - **Bachelor's Degree**

1988 - 1992: "Emil Racovita" National College, Cluj-Napoca - **High School Diploma**

PERSONAL SKILLS

Mother tongue(s) ROMANIAN

Other language(s)

UNDERSTANDING	SPEAKING	WRITING
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	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH LANGUAGE	C1	C2	C1	C1	C1
SPANISH LANGUAGE	B2	B2	B2	B2	B1

Communication skills Good communication skills gained through my experience as teacher (tenure in education) and as a member in different research teams

Job-related skills

- a) **80 ISI articles**
- b) **11 articles** in national and international peer-review Journals
- c) **1 book ; 2 books chapters (as main author)**
- d) **> 850 citations**
- e) **Hirsch Factor 14**
- f) Technical representative of Romania in the EU-Network ERC-CWS-European Reference Centre for Control in the Wine Sector;
- g) Member in the Regional Committee of representatives in EU project Enhancing SME competitiveness and sustainability in the organic sector;
- h) Member in the Management Committee of the COST Action CA18225 “Network on technology-critical elements - from environmental processes to human health threats »

Computer skills ▪ good command of Microsoft Office™ tools (PC user)

▪ Origin program

Driving licence

▪ B

ADDITIONAL INFORMATION

FELLOWSHIPS

01.04.- 01.11.2005: Marie Curie PhD fellowship at Complutense University, Madrid, Spain

TRAININGS

1. 12-17, August, 2007, 9th EMU School, Nanoscopic Approaches in Earth and Planetary Sciences, Munich, Germany
2. 4-8, Julie, 2005, – Nanociencia: Advances experimentales y perspectivas de futuro, San Lorenzo de El Escorial, Spain
3. 16-18, May, 2005, – Nanomateriales semiconductores y magneticos: propiedades y aplicaciones, Madrid, Spain
4. 14-15, October, 2004 – Radioactivity, Radionuclides, and Radiation- A Multi-Media Training Course with Nuclides.net, Karlsruhe, Germany

Projects

1. PN-III-PED *A new chemometric approach for white wines authentication, based on unconventional markers*, UEFISCDI (2017 – 2018) contr. no. 187 PED/2017
2. PN-II- RU-TE-2014: *“Organic vs. Conventional agriculture? – Applications of isotopic techniques in vegetable traceability assessment,”* UEFISCDI (2014-2016), no. 159/2015, (www.itim-cj.ro/PNCDI/ru159/index.htm) - Dr. Dana Alina Magdas – Project Director
3. PN-II-PT-PCCA: *“Development of inovative methods, implementation of functional and demonstrative models in order to promote on the unique market the traditional cheeses manufactured in Transylvania”*, UEFISCDI (2014-2016), contract no. 153/2014 – Project Responsible
4. PN-II-RU-TE: *“Authentication and traceability of fruit juices using isotopic methods”*, UEFISCDI (2010-2013), contract no. 120/2010 – Project Director
5. PN-II program: Partnership in priority areas: *“Traceability of foods using isotope methods. Case study: wines and honey”*, UEFISCDI (2008-2011), contract no. 52-140/2008 – Project Director
6. PN-II program: Partnership in priority areas: *“Aboriginal wines aroma profile defining using isotopical IRMS and Gas-chromatographic techniques, as authentication factor for these products on the European market”*, UEFISCDI (2008-2011), contract no. 32138/01.10.2008 – Project Responsible for INCDTIM
7. PN-II program: Partnership in priority areas: *“The multidisciplinary evaluation of hydrodynamic and hydrochemical processes in the aim of the diagnosis of the vulnerability to pollution of water resources from South Dobrogea”*, UEFISCDI (2008-2011), contract no. 32138/01.10.2008 - Project Responsible for INCDTIM
8. PN-II program: Bilateral cooperation Romania – Austria *“Application of advanced methods in determination of geographic origin of wine: comparison of Austrian and Romanian wine”- 543CB/2012(2012-2013)* - coordinator of project for Romanian team
9. PN-II program: Bilateral cooperation Romania – Austria *“Isotopic composition of river water in the Danube basin”*, ANCS (2009-2010), contract no. 226CB/2009
10. PN-II program: Bilateral cooperation Romania – Hungary *“Applications of stable isotopes in study food and water quality”*, ANCS (2008-2009), contract no. 20CB/2008 - coordinator of project for Romanian team

Membership

Vice-president of Romanian Society of Mass Spectrometry

CS I. Dana Alina Magdas, PhD

A handwritten signature in blue ink, appearing to read "Magdas", written in a cursive style.