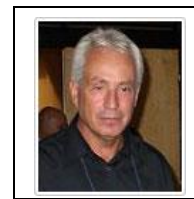


Professor Dr. Habil. Costel SÂRBU



CURRICULUM VITAE

a) Education, degrees and diplomas

2014 Habilitation Thesis

1982-1987 Ph.D. studies at the Babeş-Bolyai University, Cluj-Napoca (România)

1975-1976 Faculty of Chemistry, Babeş-Bolyai University, Cluj-Napoca, România (M. Chem.)

1971-1975 Faculty of Chemistry, Babeş-Bolyai University, Cluj-Napoca, (B.S. in Chemistry)

1966-1970 Nicolae Bălcescu High School, Craiova, România

b) Professional experience

2014 – Present: Professor, Department of Chemistry, Babeş-Bolyai University, Cluj-Napoca, România

1993 – 2014: Assoc. Prof., Department of Analytical Chemistry, Babeş-Bolyai University, Cluj-Napoca

1990 – 1993: Lecturer, Department of Analytical Chemistry, Babeş-Bolyai University, Cluj-Napoca

1982-1990: Assistant, Department of Materials Science and Chemistry, Polytechnic Institute, Cluj-Napoca

1977-1981: Researcher, Institute of Chemistry, Cluj-Napoca, România

1976-1977: Chemist, “Combinatul de Fire și Fibre Sintetice Iași”, România

Positions abroad

2001 (2 months) and 2002 (2 months): Senior researcher fellow at Memphis University within bilateral research project “U.S.–Romanian Research on Soft Computing Approaches to Modeling Metal Chemistry for Catalysis Applications, NSF-0077531 (2000 – 2003)”.

1997 (2 months) DAAD (Deutscher Akademischer Austauschdienst) fellow at Fachhochschule Merseburg, Germany. We studied Romanian and German mineral waters applying different fuzzy clustering methods.

1993 (3 months) TEMPUS fellow at Hull University, Department of Analytical Chemistry, Group of Chemometrics, Hull, England. We investigated environmental data sets applying multivariate methods.

c) Research interests

Analytical Chemistry (Chromatography, Spectroscopy), Chemometrics, Chemoinformatics (QSAR, QSPR, QSRR), Image Analysis, Fingerprinting

National Research Projects: 12 (since 1990)

- Physicochemical modelling and prediction of biological activity and lipophilicity of some important classes of compounds concerning the security of food PN-II-ID-560/2007;
- Robust methods and models of data analysis with applications to natural sciences, PN-II-ID-550/2007 (2007-2010);
- Comprehensive evaluation of redox activity and lipophilicity for biogenic amines and related compounds, PN-II-ID-PCE-2011-3-0366
- System for management and intelligent analysis of medical data in order to improve response strategies for acute and chronic diseases, PN-II-PT-PCCA-2011-3.2-0917 (2012-2016);

d) The visibility of the scientific contributions

- *Romanian Academy Prize “Nicolae Teclu”* for the papers published in 2008 in the field of Chemometrics and *Special Prize of Patriciu Foundation* for research activity during 2010-2011;
- U.S.–Romanian Research on Soft Computing Approaches to Modeling Metal Chemistry for Catalysis Applications, *NSF - 0077531* (2000–2003), University of Memphis (Prof. R. T. Cundari);
- Invited talks at University of Jena (Germany) in the group of Prof. Jurgen W. Einax (June 2009) and University of Memphis (USA) in the group of Prof. R. T. Cundari);
- Member in the Editorial Board of Journal Liquid Chromatography & Related Technologies;
- First position according to AdAstra (AIS) National Classification in Analytical Chemistry (http://ad-astra.ro/cartea-alba/authors.php?order=ais_individual&topic_id=EA).
- Expert evaluator CNCSIS; UEFISCDI, INTAS Brussels; Expert evaluator for national Greek, Poland and Serbian research projects;
- Scientific referee for international and national journals (Analytical Chemistry, Chemometrics)

f) List of publications and patents

- **129** publications in international journals (ISI);
- **83** in Romanian journals (**73** ISI)
- **12** in national and international Proceedings;
- **15** Patents;
- **2** books in Romanian language;
- **1** laboratory manual in General Chemistry;
- **7** book chapters (international publishers);
- **5** studies concerning the history of chemistry.

g) **H-index = 22; Citations over 1650** (January 2017)