



PERSONAL INFORMATION

Robert SĂNDULESCU

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| **Date of birth** 17/06/1952 | **Nationality** Romanian

POSITION

Professor, Analytical Chemistry Department 1, Faculty of Pharmacy, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca

WORK EXPERIENCE

2000-present

Professor

University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca, Romania, Director of Department 1 Faculty of Pharmacy

1996-2000

Associate Professor

Faculty of Pharmacy, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca, Romania

1990-1996

Lecturer

Faculty of Pharmacy, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca, Romania

1987-1990

Vice-director

Cluj Pharmaceutical Office, Cluj-Napoca, Romania

1978-1987

Pharmaceutical analyst

Drug Quality Laboratory, Cluj-Napoca, Romania

1976-1978

Junior Pharmacist

Cancer Institute, Cluj-Napoca, Romania

1976

Pharmacist

Institute of Medicine and Pharmacy, Cluj-Napoca, Romania

EDUCATION AND TRAINING

1976-1985

PhD in Pharmacy

Institute of Medicine and Pharmacy, Cluj-Napoca, Romania

1971-1976

Bachelor Degree in Pharmacy

Institute of Medicine and Pharmacy, Cluj-Napoca, Romania

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1

ADDITIONAL INFORMATION

Courses	Analytical Chemistry Courses in Romanian and French for graduate students in Pharmacy; Undergraduate student's scientific coordinator and PhD students director at the Faculty of Pharmacy, Iuliu Hațieganu University of Medicine and Pharmacy Cluj-Napoca, Romania; PhD student's Co-Director with University of Rennes I, Henri Poincare I Nancy, Claude Bernard 1 Lyon, and Joseph Fourier Grenoble (France).
International projects	Coordinator of project "Développement et mise en œuvre de nouvelles électrodes composites pour la détection des traces des métaux lourdes dans les aliments et médicaments" AUF, 2004-2005) with Université de Rennes (France) and Université Libre de Bruxelles (Belgium).
Romanian national projects	Project Coordinator CNCSU 547(1997-9), CNCSIS 64(2004-5), CEEX Matnantech 6(2005-8); Project Partner PNCDI (2004-6), CNCSIS 338 (2004-6), PNII Calixmat (2008-10), PNII Bioenzinit (2008-10), PN-II-ID-PCE-2011-3-0355 (2011-16), PN-II-ID-SSA-2012-2-027 (2012-13)
Professional functions outside universities	Vice President of the Romanian Society of Pharmaceutical Sciences (2011-2014) Member of the Editorial board of Journal of Pharmaceutical and Biomedical Analysis (2002-2010) Member of the Editorial board of ISRN Analytical Chemistry Member of the Editorial board of Farmacia (SSFR)
Membership in professional/scientific societies	International Society of Electrochemistry (ISE) Bioelectrochemical Society (BES) American Chemical Society (ACS) Romanian Academy of Medical Sciences (ASMR) Romanian Electrochemistry Society (SER) Romanian Society of Pharmaceutical Sciences (SSFR) Romanian Society of Chemistry (SCR) Romanian Association of Pharmacists (CFR)
Organization of international workshops	Co-president of the Organizing Committee of Journées d'Electrochimie, 6 -10 July 2009, Sinaia, Romania (www.ie09.org); Member of the Scientific Committee of Journées d'Electrochimie, 6 -10 July 2009, Sinaia; 4 - 8 July 2011, Grenoble; July 2013, Paris; July 2015, Rome; Member of the Scientific Committee of Drug Analysis 2002 Bruges, 2006 Namur, 2010 Antwerp; Member of the International Advisory Board of International Symposium on Electroanalytical Chemistry (ISEAC); Member of the Organizing Committee of Franco-Romanian workshop Nomares July 2011, București, Member of the Organizing Committee 3rd Regional Symposium on Electrochemistry – South Eastern Europe, RSE-SEE, 14-17 May 2012 București (www.rse3@upb.ro).
Awards and honours	2004 Teodor Goina Prize of the Iuliu Hatieganu University for publishing 2010 Teodor Goina Prize of the Iuliu Hatieganu University for research activity 2014 Teodor Goina Prize of the Iuliu Hatieganu University for scientific achievements
Scientific production	Papers in refereed journals : 103 Patents: 5 Communications to scientific meetings : 200 PhD thesis 12 Book chapters : 9 Citation 800; h-index 16
Research interests	Molecular electrochemistry New bioactive nanomaterials development and their analytical applications Immobilization of biomolecules and transduction of their molecular recognition properties or catalytic activity for the design of biosensors Electrogenerated nanostructured and molecularly imprinted polymers Modified electrodes (carbon based nanomaterials, gold and magnetic nanoparticles, clays) Screen-printed electrodes development for electroanalytical applications Immunosensors, aptasensors and DNA sensors for diagnostic Biomimetic sensors (natural and artificial receptors)