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Curriculum Vitae

Personal information

First name and surname **ANCA DINISCHIOTU**

Competence domains Biochemistry, Cell signalling, Molecular toxicology

Professional experience

Period	2007 – present
Position held	Supervisor of doctoral students in the domain of Biology
Employer's name and address	University of Bucharest, Bd M Kogălniceanu, no. 36-46, 050107 Bucharest, Romania
Period	2004 - present
Position held	Full Professor
Main activities and responsibilities	Academic courses of General Biochemistry, Carbohydrates and Lipids Biochemistry, Metabolism, Molecular Toxicology, Cell Signalling Director and responsabil of research grants
Period	1998 - 2004
Position held	Associate Professor
Period	1992 – 1998
Position held	Lecturer
Period	1. 10. 1990 – 1992

Position held	Assistant Professor
Employer's name and address	University of Bucharest, Bd M Kogălniceanu, no. 36-46, 050107 Bucharest, Romania
Period	1.11.1987 – 1.09.1990
Position held	Scientific Researcher
Main activities and responsibilities	Research
Employer's name and address	National Institute of Chemical Pharmaceutical Research and Development, Calea Vitan no. 112 C, Bucharest, Romania
Period	1986 - 31.10. 1987
Position held	Scientific Researcher
Main activities and responsibilities	Research
Employer's name and address	Institute of Research and Technology for Poultry and Small Animals, Balotesti, Romania
Period	1980 - 1986
Position held	Biochemist
Main activities and responsibilities	Research
Employer's name and address	Institute of Research and Technology for Poultry and Small Animals Breeding, Balotesti, Romania
Teaching activity	<p>1990 - present: courses, laboratories and seminars for the students of Biochemistry, Biology and Ecology specializations of the Faculty of Biology, University of Bucharest:</p> <p>1990 - 1992: courses of Biotechnology and Immobilized Enzymes (years IV and V of Biochemistry specialization)</p> <p>1992 - 1998 and 2009 - 2011: courses of Carbohydrates and Lipid Biochemistry (year III of Biochemistry)</p> <p>1992 - 1998: course of Advanced Biotechnologies (Master of Biochemistry and Molecular Biology)</p> <p>1998 - 2000: course of Special Biochemical Analyses (year III Biochemistry)</p> <p>1998 - 2006: course of Protein Engineering (Master of Biochemistry and Molecular Biology)</p>

1998 - 2006: course of Intermediary Metabolism (year IV of Biochemistry-Chemistry)
2001- 2005: course of General Biochemistry (year II of Biology and Ecology)
2003 - 2007: course of Biochemistry if Integrated Systems (year III of Biochemistry)
2003 - 2007: course of General Biochemistry (year II of Biochemistry)
2005 - 2015: course of General Biochemistry (year I of Biology, Biochemistry and Ecology specializations)
2003 - 2010: course of Methods in Molecular Biotechnology (in collaboration, year II of Master of Microbiology and Biotechnology)
2007 - present: course of Molecular Toxicology (Master of Biochemistry and Molecular Biology)
2007 - 2012: course of Proteomics (Master of Biochemistry and Molecular Biology)
2011 - present: courses of Metabolic Biochemistry and Metabolism of Specialized tissues (year III of Biochemistry)
2012 - present: course of Cell Signaling (Master of Biochemistry and Molecular Biology)
2020-: course of Medical Toxicology (Master of Applied Clinical Biochemistry)
- laboratory classes and seminars of General Biochemistry, Vitamins and Hormones, Special Biochemistry Analyses, Metabolism, Enzymology, Biotechnology, Carbohydrates and Lipids Biochemistry, Molecular Toxicology and Proteomics.

**Scientific research
activity in Biochemistry,
Cell and Molecular
Biology**

6 academic courses; 128 ISI papers, 70 papers in national journals indexed CNCSIS, 57 abstracts at national and international conferences

Research interest domains:

- oxidative stress and apoptosis induced by heavy metals, pesticides, mycotoxins, in human cells and fish tissues;
- biocompatibility studies on nanostructured materials used in regenerative medicine;
- nanosensors;
- nanotoxicology;
- advanced glycation end products and their effects on the diabetes signaling pathway;
- hepato- and nephro-protector effects of vegetal extracts
- genotoxicity

Research grants: 5 internationals (1 as coordinator, 4 as team member), 6 of CNCSIS type (2 as coordinator, 4 as team member), 23 of PNCDI type (3 as coordinator, 2 as responsible, 18 as team member), 16 of CEEEX type (1 as coordinator, 5 as responsible, 10 as team member), 8 of PN2 type (1 as coordinator, 2 as responsible and 5 as team member), 1 EURONANOMED (responsible), 1 SINN (responsible).

Other activities **POSDRU project:** manager of POSDRU/88/1.5/S/61150 project „Doctoral studies in the domain of life and earth sciences” (2010-2013)

- Evaluator for PNCDI, CEEEX and CNCSIS projects
- Head of Biochemistry Department : 2000-2007, 2016-present
- Vice-Dean of The Faculty of Biology, University of Bucharest (2004- 2012)
- Member of The Faculty of Biology Council (1997-present) and of The University of Bucharest Senate (2000-2004)
- President of Contestations Committee for Biomedical Sciences from CNADCU (since 2013)
- Head of Doctoral School of Faculty of Biology, University of Bucharest (2012 - 2016).

Education and training

Period 1971 - 1975

Title and qualification awarded **Baccalaureate Diploma**, Serial I no. 2342/3.07.1975

Organisation's name and locality High-school "Nicolae Bălcescu", now National College "Sfantul Sava", Bucharest

Period 1975 - 1979

Title and qualification awarded **Bachelor Degree in Biochemistry**, Diploma No. 327556/23.10.1980

Organisation's name and locality Faculty of Biology, University of Bucharest, Romania

Period 1979 - 1980

Title and qualification awarded **Master Degree in Biochemistry**, Certificate serial C No.179/ 13.04.1992

Organisation's name and locality Faculty of Biology, University of Bucharest, Romania
 Period 1990 - 1995
 Title and qualification awarded **PhD degree in Biology**, Diploma serial M No.000415/5.06.1995
 Organisation's name and locality University of Bucharest, Romania
 Period 2nd January – 30th December 1996
 Title and qualification awarded Post-doctoral researcher
 Organisation's name and locality Catholic University of Leuven, Belgium

Foreign languages	Reading	Speaking	Writing
English	Very good	Very good	Very good
French	Good	Good	Good

Member in national scientific societies National Society of Biochemistry and Molecular Biology

24.07.2020

Prof. Anca Dinischiotu