



Curriculum Vitae

Personal information

Surname(s) / First name(s) **TURDEAN / Graziella Liana**
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Nationality Romanian
Date of birth

Academic training and positions

Dates	2004 (15 apr. - 15 oct., 6 months)
Title of qualification awarded	post-doc NATO-CNR fellowship
Name and type of organisation providing education and training	University "Tor Vergata", Rome (Italy)
Dates	2002 (1 march - 31 aug., 6 months)
Title of qualification awarded	post-doc NATO-CNR fellowship
Name and type of organisation providing education and training	University "La Sapienza", Rome (Italy)
Dates	2000 (1 march - 31 aug, 6 months)
Title of qualification awarded	post-doc Romanian MEN-fellowship
Name and type of organisation providing education and training	University "Tor Vergata", Rome (Italy)
Dates	1999 (oct., 1 month)
Title of qualification awarded	research stay
Name and type of organisation providing education and training	University of Alcala de Henares (Spain)
Dates	1997
Title of qualification awarded	PhD
Name and type of organisation providing education and training	Babeş-Bolyai" University Cluj-Napoca (Romania), specialization "Physical Chemistry" and "Universite Paris XII-Val de Marne (France), specialization "Sciences et Technique de l'Environnement" qualification " <i>tres honorable</i> "
Dates	1995-1997 (apr., 3 months)
Title of qualification awarded	research stay
Name and type of organisation providing education and training	University of Perpignan (France)
Dates	1995-1997 (15 febr -15 july, 15 months)
Title of qualification awarded	Ph.D-BGF fellowship at
Name and type of organisation providing education and training	University Paris XII - Val de Marne, Créteil (France)
Dates	1992-1993 (oct - july, 9 months)
Title of qualification awarded	research stay (Diplome d'Etude approfondie (DEA) equivalent)
Name and type of organisation providing education and training	University Paris XII - Val de Marne, Créteil (France)
Dates	1992 (nov., 2 weeks)

Title of qualification awarded	training course "Capteurs enzymatiques"
Name and type of organisation providing education and training	CNRS, CREUFOP and Université de Perpignan (France)
Dates	1992 (june, 2 weeks)
Title of qualification awarded	International Course "Electrochemistry of Modern Sensors and their Applications in Chemical Analysis",
Name and type of organisation providing education and training	UNIDO and International Institute for Pure and Applied Chemistry, at University of Trieste (Italy)
Dates	1990 (march, june, oct., 3 months)
Title of qualification awarded	postgraduate diploma in "Corrosion and anticorrosive protection",
Name and type of organisation providing education and training	Faculty of Chemistry, "Babes-Bolyai" University
Dates	1989
Title of qualification awarded	Engineering diploma
Name and type of organisation providing education and training	Faculty of Chemistry, "Babeş-Bolyai" University Cluj-Napoca, (Romania), 9.67/10 (top of the class)
Work experience	
Teaching/research/industry	
Dates	2007- present
Occupation or position held	Associate professor
Main activities and responsibilities	Courses and practical works in the field of Electrochemistry, Electrochemical Sensors, Bioelectrochemistry, Physical chemistry of polymers; Food conditioning, Physical chemistry of food preservation, "Smart" materials applied in environmental and biomedical, Material with ionic and molecular recognition properties, Advanced Physical Chemistry. Research interest in the field of: applied physical chemistry, thermodynamics and kinetics of the chemical reaction by electrochemical methods, nano/materials for electrodes, supramolecular and nanostructured redox bio/systems, electroanalytical chemistry (i.e. amperometric bio/sensors, electrochemical techniques of electrode process investigation); Scientific co-ordinator for licence/master degree thesis
Name and address of employer	Faculty of chemistry and chemical engineering, Physical Chemistry Department (2007 - 2012), Chemical Engineering Department (2012 - present)
Type of business or sector	teaching
Dates	1999- 2007
Occupation or position held	Assistant professor
Main activities and responsibilities	Courses and practical works in the field of Electrochemistry, Thermodynamics, Electrochemical Sensors, Bioelectrochemistry, Physical chemistry of polymers; Research interest in the field of amperometric bio/sensors, electrochemical techniques of electrode process investigation; Scientific co-ordinator for licence /master degree thesis
Name and address of employer	Faculty of chemistry and chemical engineering, Physical Chemistry Department
Type of business or sector	teaching
Dates	1996-1996
Occupation or position held	assistant
Main activities and responsibilities	Practical works in the field of Electrochemistry, Thermodynamics, Electrochemical Sensors, Research interest in the field of amperometric bio/sensors, electrochemical techniques of electrode process investigation; Scientific co-ordinator for licence degree thesis
Name and address of employer	Faculty of chemistry and chemical engineering, Physical Chemistry Department
Type of business or sector	teaching
Dates	1993-1995 /1995-1996
Occupation or position held	research assistant/scientific researcher
Main activities and responsibilities	research interest in the field of amperometric biosensors for glucose and hydrogen peroxide detection
Name and address of employer	Faculty of chemistry and chemical engineering, Electrochemistry Laboratory
Type of business or sector	Research
Dates	1991-1993

Occupation or position held	research assistant
Main activities and responsibilities	research interest in the field of amperometric sensors for oxygen detection
Name and address of employer	"Raluca Ripan" Chemistry Institute, Laboratory of electrochemical sensors, Cluj-Napoca
Type of business or sector	research
Dates	1989-1991
Occupation or position held	chemist engineer
Main activities and responsibilities	Manufacturing process, interest in the field of electroplating, anticorrosive protection and quality control of materials
Name and address of employer	"Unirea" enterprise, Cluj-Napoca
Type of business or sector	industry

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **French, English, Italian**

Self-assessment

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
Language EN	good	good	basic	basic	good
Language FR	good	good	good	good	good
Language IT	good	good	basic	basic	basic

Social skills and competences Good integration in a multicultural environments, in positions where communication is important and situations where teamwork is essential

Organisational skills and competences Coordination and administration of CNCSIS-MEN projects (type At and A) and budgets

Computer skills and competences Windows: Microsoft Office (Word, Excel, Power Point), Origin, Adobe Acrobat, Internet Explorer

Other skills and competences Driving licence B

Research interests Electroanalytical chemistry (sensors and biosensors), modified electrode, bioelectrochemistry, electrode nano-materials

Awards and distinctions **2001**, Nominalization to "Prix du Groupe francais de bioelectrochimie pour jeunes chercheurs" at «Journées d'electrochimie» Symposium, 3-6 iunie 2001, Marrakech, Maroc
2006, Price of "Babes-Bolyai" University for the book: «Amperometric biosensors. Theory and Applications», Presa Universitara Clujeana, Cluj-Napoca, 2005

Relevant publications (last 7 years) <http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=Turdean%2cG&sid=599FFC12CDA06A8EB094FCCCE20B66D9.mw4ft95QGjz1tIFG9A1uw%3a130&sot=b&sdt=b&sl=22&s=AUTHOR-NAME%28Turdean%2cG%29&origin=searchbasic&txGid=599FFC12CDA06A8EB094FCCCE20B66D9.mw4ft95QGjz1tIFG9A1uw%3a13>

Grants and projects as responsible

1. "Multi layers architectures based on supramolecular systems for assembling third generation biosensors", **2001-2002**, CNCSIS-At, tema nr. 5, cod CNCSIS 188.
2. "Amperometric biosensors of third generation for detecting organophosphorous pesticides", **2001-2002**, MCT-ANSTI, tema B19.
3. "Smart" electrodic materials with supramolecular structures for detecting nitrites", **2004-2006**, CNCSIS- A, tema 55/375.
4. "Nanocomposite electrodic materials based on carbon nanotubes for nitrites detection", **2007-2008**, CNCSIS -A, cod 1529/2007

Grants and projects as member

1. „Biofunctionalized Nanoparticles for developing new methods for imaging, detection, diagnostic and molecular therapy in biological media (NanoBioFun)", PNII_ID_PCCE_129/2008, **2010-2013**, coordinator: Prof. S. Astilean
2. „Sensors and apparatus for food quality control (SENSALIM)", PNII-71-098/2007, **2007-2010**, coordinator: prof. I.C. Popescu
3. „Performant doctoral program for sustaining high quality human resources formation for interdisciplinary scientific research", scientific expert, POSDRU/21/1.5/G/36154/2010-2012, coordinator: prof. Dr. S. Simon