

## SIMI SCIENTIFIC COMMITTEE

*Section: Pollution Control and Monitoring*

**Prof.dr.eng. Gabriel-Lucian RADU Dr.h.c.**



### **SHORT PROFESSIONAL INFO**

#### ***ACTUAL POSITION***

Professor , "Politehnica" University of Bucharest, Faculty of Chemical

#### ***RESEARCH INTEREST***

- ◆ analytical chemistry and bioanalysis: characterization of biological substances (proteins, peptides, amino acids etc.) by specific analytical methods and techniques
- ◆ electrochemistry (biosensors, electrochemical analysis); environmental monitoring
- ◆ biotechnology (biomaterials); food (control and quality assurance)

Responsible / Director:

- 17 themes for research and development (Horizon 2000)
- 3 grants (Romanian Academy, ANSTI, CNFIS)
- 14 PNCDI (Relansin, Callistus, Matnantech, Viasan, Biotech)
- 5 projects CEE X
- Bilateral cooperation 7 in the country, five abroad
- 5 projects PN II

#### ***SCIENTIFIC PUBLICATIONS / AWARDS***

175 full papers published, 23 books, 12 patents

- Doctor honoris causa 2016 University "Ovidius" Constanta, Romania

**a-** Diploma of International Fair of Technical Novelties - INVENTA'91, Bucharest, Romania, 1991

**b-** Diploma of Honor at the IVth International Symposium "Diversité du développement des organismes source de créativité et de valorisation biotechnologique et socio-économique", Bucharest, Romania, 1995

**c-** Diploma and Medal of silver at the 23rd International Exposition of Inventions, Geneva, Swiss, 1995

**d-** Diploma and Medal of silver 45th Mondial Fair of Patents, Research and Industrial Innovation - EUREKA, Brussels, Belgium, 1996

**e-** Diploma and Medal of bronze at the 26th International Exposition of Inventions, Geneva, Swiss, 1998

**f-** Diploma and Bronze Medal at the 52nd Salon Mondial Invention, Research and Industrial Innovation - EUREKA, Brussels, Belgium 2003

#### ***MEMBERSHIPS***

1990-2000: Secretary of the Romanian Society of Analytical Chemistry - S.C.A.R.

1995-2000: Member of Division of Analytical Chemistry and Working Party on

Professional Affairs of Federation of European Chemical Societies

1997- 2002: Member of Commission no.14 (Medicine, Biology, and Biotechnology) of Consulting National Committee of Research&Technology

1996-1999: Assistant Editor, Journal of Medicine and Biochemistry (ISSN 1453-1321)

1996-2001: Assistant Editor, Romanian Biotechnological Letters (ISSN 1224-5984)

Expert of the National Program for R&D&I (PNCDI)

2002-2008: Independent expert of FP6 and FP7, Leonardo da Vinci II, SOCRATES international programs

2007-2009 Participation as the staff to elaborate the strategy/program on short and medium period of the biotechnological field in Romania

2000-present: Member of Editorial board:

Romanian Biotechnological Letters (ISSN 1224-5984)

Environmental Engineering and Management Journal (ISSN 1582-9596)

2001-present: Expert of the National Council for High Level Education (CNCSIS) and

2006-present: Member Accreditation Council of the National Accreditation Body - RENAR

2000- present: Member and President of EURACHEM Romania