

Curriculum vitae Europass



General Information

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Nationality Romanian

Position

Period 2000 - present.
Position Head of DBBS - *Department of Bioinformatics & Structural Biochemistry*
Institutie Institute of Biochemistry of the Romanian Academy - IBAR,
 Splaiul Independentei 296,
 060031 Bucharest 17

Responsibilities Coordination of research programs of *DBBBS*,
 PhD Coordinator,
 Lectures at Undergraduate, MSc, PhD and Post.Doc level

Education

Qualification *PhD in Physics*, Subject - Biophysics
Main Focus Molecular Biophysics / Physics Techniques in Biochemistry, Molecular Modeling & Simulation,
 Glycobiology
Institution University of Bucharest, Faculty of Physics

Research & Post.Doc Stages >25
 - 1991 Faculty of Pharmacy, Wurzburg - Department of Biochemistry, 3 months
 - 1993 - 2009 Department of Biochemistry of the University of Oxford, 1-4 months/year
 - 1994 - 1999 CEA-Saclay - Lab L.Brilluoin; Lab Sim.Mol, 5 EU stages 4-6 months.
 - 1999 - 2000 IWR Biocomputing, University of Heidelberg
 - 2005 - 2014 University of Wageningen, FP5, FP6 Grants

Affiliations

Membership in societies and organisations:

- *SCR (Senior Common Room) Member, Corpus Christi College, Oxford - in 1998*
- *Glycobiology Institute, Department of Biochemistry, University of Oxford*
- *Biochemical Society, UK*
- *Romanian Society of Biochemistry and Molecular Biology*

Responsibilities

- *Member of the Comitee of European Bioinformatics Communities in - ELIXIR*
- *Member of the Editorial Board of - Rom. J. Biochem.*
- *Romanian Grants Evaluator for CNCSIS și Romanian Academy*
- *Reviewer of BMC Bioinformatics, QSAR & Combinatorial Science etc*

Research Management

DBBS-IBAR research co-ordinator.

Research Grant Coordination:

- *Research within the frame of Romanian Academy Plani (per annum)* 1
- *National Grants and Contracts - last 5 years* 11
- *International Grans* 5
 - 1998-1999 NATO-CNS 971675 - "Computer Networking"
 - 2000 Wellcome Trust: "Computing Equip. for Molec. Modeling"
 - 2002-2005 Wellcome Trust: "A DB of structural information on glycoproteins"
 - 2002-2004 FP5-EU: "NONEMA"
 - 2005-2010 FP6-EU: "BIOEXPLOIT" (WP2.4 Coordinator)

Member of Meeting Organising Comitee:

- 1st Brithish-Rom. Workshop "Perspectives in Glycobiology", Bucharest, May (1997)
- TEMPUS Workshop "Protein Structure and Function", Bucharest, Aug (1998)
- 1st International Meeting of SRBBM, Bucharest, Sep (1998)
- 12th Balkan Biochem Biophys Days, Bucharest, May (2001)
- Workshop "Molecular basis of Plant Defence Mechanisms", Bucharest, Feb (2003)
- FEBS Course "Recombinant DNA Technology", Bucharest, Sep (2003)
- International Meeting "Glycosylation & Disease", Bucharest, June (2004)
- FEBS Course "Recombinant DNA Technology", Bucharest, Sep (2005)
- FEBS-IUBMB Meeting "Protein Folding in Health & Disease", Bucharest, Jun (2005)
- FEBS Course "Recombinant DNA Technology", Bucharest, Sep (2008)

Research Results

Scientific Papers:

- *Published Papers:* 65
 - Articles in Main International Journals (ISI): 43
 - Book Chapters: 2
 - Articles in national scientific journals 23
- *Patents:* 4

Results Impact:

- *Hirsh Index* 20
- *Citations (ISI-Thomson)* >1500

Prizes

- *The "N.Simionescu" Award of the Academiei Romane, 2000:*
"For Contributions in Protein Folding"
- *The Ministy of Research Award 2006:*
"For International Collaboration within EU-FP6"

Educational Activities:

- *PhD Coordinator of SCOSAAR - the Advanced Studies School of the Romanian Academy ;*
- *PostDoc Coordinator - in the Program "Cellular & Molecular Biotehnologies for Medicine"*
- *MSc Lectures at the: Normal Superior School - București*
 - Course in Bioinformatics and Molecular Modeling in Biochemistry (2009 - prezent)
- *Internațional FEBS Course "Recombinant DNA Technology & Protein Expression"*
 - Lectures in Bioinformatics, 2003,2005,2008;