

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

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| Name | ANCA MALINA ROSEANU-CONSTANTINESCU | |
| Address | Romanian Academy, Institute of Biochemistry (IBAR), Splaiul Independentei 296, 60031 Bucharest, Romania | |
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| E-mail | roseanua@yahoo.com | |
| Nationality | Romanian | |
| Date of birth | 04.04.1950 | |

WORK EXPERIENCE

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| Dates (from-to)/ position held | 1991-present: Senior scientific researcher; 1997-2011 Deputy-director; 1997-2020 Head of Ligand-receptor interaction Dept.; 2021 Head of Cellular and Molecular Bio-Nanotechnology Dept. |
| Main activities and responsibilities/competences | <p>Scientific research</p> <ul style="list-style-type: none"> -Deputy-director (1997-2011) -Head of Ligand-receptor interaction Dept./ Head of Cellular and Molecular Bio-Nanotechnology Dept. -Vice-president of the Romanian Society of Biochemistry and Molecular Biology -Coordinator of national and international research grants <p>Scientific competence in: role of proteins in inflammation and infection; interaction of proteins with cells; binding and internalization of proteins; intracellular trafficking; cellular signaling; mechanisms of action at intracellular level; biocompatibility studies using different cells in culture; use of liposomes and other nanostructures as delivery system for compounds with antitumoral, anti-inflammatory and antimicrobial properties.</p> |
| Name and address of employer | Institute of Biochemistry, Spl. Independentei 296, 060031, Bucharest (ROMANIA) www.biochim.ro |
| Type of business or sector | Scientific research |
| Dates (from-to)/ position held | 1977-1991 research assistant/ scientific researcher; |
| Main activities and responsibilities | Coordinator and collaborator of national research grants |
| Name and address of employer | Institute of Biology (Romanian Ministry of Research) (1977-1991) Spl. Independentei 296, 060031, Bucharest (ROMANIA) |

EDUCATION

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|--------------------------------|---|
| Dates (from – to) | 1985-1993 |
| Title of qualification awarded | PhD in Biology, Biochemistry specialisation |

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| Principal subjects/occupational skills covered | Proteins involved in infection and immunity Competence in: ligand-cell interaction; cell culture techniques; biotoxicity studies Biochemistry; Cell biology; Immunochemistry techniques; Biotechnology; Enzymology | | | | | | |
| Name and type of organization providing education and training | Institute of Biochemistry, Romanian Academy | | | | | | |
| Dates (from – to) | 1969-1974 | | | | | | |
| Title of qualification awarded | BS in Chemistry (1973) MSc in Biochemistry (1974) | | | | | | |
| Name and type of organization providing education and training | Faculty of Chemistry, University of Bucharest | | | | | | |
| Training abroad | 1993 EEC/EU grant , Université des Sciences et Technologies de Lille, France 1994-1996 Université des Sciences et Technologies de Lille, France. Program International de cooperation scientifique (PICS –CNRS) (3 month/year) 1998 -2001 University of Glasgow, Dept. of Immunology , Glasgow, UK, (3 month/year) Royal Society short term grants 1991-2003 Goteborg University, Dept. Immunology, Sweden , Agreement of collaboration 2003-2008 Goteborg University, Dept. Bacteriology and Microbiology, Swedish Institute project 2019 Oxford University-Rise project | | | | | | |
| Title of qualification awarded | Honorary Research Fellow – University of Glasgow, 1998 | | | | | | |
| Mother tongue | Romanian | | | | | | |
| Other languages | English, French | | | | | | |
| Autoevaluate | | | | | | | |
| European Level(*) | | | | | | | |
| english | en | C2 | C2 | | C2 | C2 | C2 |
| french | fr | C2 | C2 | | c2 | B2 | B1 |
| (*) Common European Framework of Reference for Languages | | | | | | | |
| Social skills and competences | Team work: I have worked in various research teams from different universities, Sweden, France, UK, and during the multiple research stages abroad I have good capacity to adapt to multicultural social environment. Ability in communication: Presentations in more than 30 national and international seminars /conferences/workshops. Member of national and international professional and scientific societies: European Iron Club (EIC), Romanian Society of Biochemistry and Molecular Biology (RSBMB)-vice-president; National Society of Immunology (NSI), National Society of Biotechnology, Member of Bioeconomy and life sciences Committee of the Romanian Ministry of Research and Innovation, Member of Editorial board of Molecular Life; reviewer J.Polymers and Environment, Applied Microbiology and Biotechnology, J.Agric.&Food Chemistry, Expert Opinion on Drug Delivery, Materials, Membranes, Biomedicines | | | | | | |

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| Organisational skills and competences | <p>Coordinator of the activity of the Cellular and Molecular Bio-Nanotechnology Department-Institute of Biochemistry</p> <p>Coordinator of national grants 1990-2022 (Romanian Academy of Science, Romanian Ministry of Research, Romanian Medical Academy, Romanian Agency of Research-ANCS, UEFISCDI);</p> <p>International grants: Principal investigator- Program PICS (CNRS) Franța "Involvement of Lactoferrin in the inflammatory processes" (1994-1996), Grant Royal Society (UK), "Anti-inflammatory effects of lactoferrin" (1998-2001), Grant Royal Society (UK), "Immunoregulatory activity of free and liposome-entrapped lactoferrin" (2001-2005), Swedish Institute Project "Anti-inflammatory activity of lactoferrin. The mode of action on intracellular transduction pathways" (2003-2008)</p> <p>Coordinator/collaborator of EU financed projects (POSCCE-nr SMIS CSNR 12951/2010; POSDRU/89/1.5/S/60746/2010-2013); Rise project Oxford University</p> <p>Workshop organised</p> <p>FEBS Course "Recombinant DNA Technology", Bucharest, September (2005-2009)</p> <p>12th Balkan Biochem Biophys Days, Bucharest (2001)</p> <p>Workshop "Molecular basis of Plant Defence Mechanisms", Bucharest, February (2003)</p> <p>International Meeting "Glycosilation & Disease", Bucharest (2004)</p> <p>FEBS-IUSMB Meeting "Protein Folding in Health & Disease", Bucharest, June (2005)</p> <p>Annual International Conferences of Romanian Society of Biochemistry and Molecular Biology</p> |
| Computer skills and competences | Competent with most Microsoft Office programs and some experience with HTML |
| ADDITIONAL INFORMATION | |
| Publications | <p>Papers published in scientific journals - over 90</p> <p>Citations - over 1000; hiesch index 16</p> |
| Patents | <p>National patent (4)</p> <p>Anca Roseanu, M.Lungu, S.S.Vasu, Sonia Marinare – <i>Lactase from Aspergillus sp. for enzyme therapy</i>, Patent nr. 87313/ 7.05.1985</p> <p>Anca Roseanu, M.Șerban, M.Lungu, V.Zarchievic, Carmen Rotaru – <i>Method for a semiquantitative measurement of glucose in urine</i>, Patent nr. 97575/ 21.04.1987</p> <p>Anca Roseanu, Ioana Gomoiu, Magdalena Lungu, VI.Gheordunescu, Rodica Barnescu, Irina Zamfirescu – <i>Multivalent enzymatic preparation for substitution therapy</i>, Patent nr. 110680/1996</p> <p>Gheorghe A, Jecu L, I. Voicu A, Lazaroaie M, Roseanu A, Chelu F, Florian P, Stoica A, Raut I, M. Stroescu, "Procedure to obtain a bacterial product with antifungal activity" Patent nr.126895/29.11.2013.</p> |
| Grants and manuscript reviews | <p>Romanian Ministry of Research and Education - Research of Excellence Programme Romanian Academy, National Council of Scientific Research and Education, (grants)</p> <p>Romanian Journal of Biochemistry</p> <p>Revue Roumaine de Biologie</p> <p>Reviewer-J.Polymers and Environment, Applied Microbiology and Biotechnology, J.Agric.&Food Chemistry, Expert Opinion on Drug Delivery, Materials, Membranes, Biomedicines</p> |
| Teaching experience | <p>PhD thesis evaluator</p> <p>Advisor of BS training in Biochemistry for students from University of Bucharest (Faculty of Biology and Faculty of Chemistry), MS training in Biochemistry</p> <p>Associated Professor of Biotechnology, Univ. Bucharest, Faculty of Chemistry (1990-1994) and Faculty of Food Chemistry (1998)</p> |
| Awards | <p>1998 – Univ. Glasgow, Honorary research fellow</p> <p>2006- Best Paper Award, „Lactoferrin—a glycoprotein with anti-inflammatory and antitumoral potential” conference, ICECHIM Institute International Symposium</p> |

Invited Conferences

(Selection)

Universite des Sciences et Technologies, Laboratoire de Chimie Biologique, Lille, France (1996, seminar)

Balkan Biochemical and Biophysical Days (2001, 2003)

European IRON Club Meeting (2000)

Balkan Biochemical Biophysical Days (2001)

Goteborg University (2010-seminar)

International Meetings of the Romanian Society of Biochemistry and Molecular Biology (1998, 2002, 2003, 2004, 2006, 2008, 2010-2018)

20.05.2023

