

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **GAZDARU, DOINA MARIANA**
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E-mail doina.gazdaru@gmail.com
Nationality Romanian
Date of birth 14.02.1951
Gender female

Occupational field

Physics

Work experience

Dates	2008 – present
Occupation or position held	Professor, Faculty of Physics, Department of Electricity, Solid State and Biophysics
Main activities and responsibilities	Didactic and research activities
Name and address of employer	University of Bucharest, Bd. M. Kogălniceanu 36 - 46, Sector 5, 050107, Bucharest, Romania
Type of business or sector	Education
Dates	2004 – 2008
Occupation or position held	Associate Professor, Faculty of Physics, Department of Electricity and Biophysics
Main activities and responsibilities	Didactic and research activities
Name and address of employer	University of Bucharest, Bd. M. Kogălniceanu 36 - 46, Sector 5, 050107, Bucharest, Romania
Type of business or sector	Education
Dates	1990 – 2004,
Occupation or position held	Lecturer, Faculty of Physics, Department of Electricity, Solid State and Biophysics
Main activities and responsibilities	Didactic and research activities
Name and address of employer	University of Bucharest, Bd. M. Kogălniceanu 36 - 46, Sector 5, 050107, Bucharest, Romania
Type of business or sector	Education
Dates	1980 – 1990
Occupation or position held	Assistant professor, Faculty of Physics, Department of Electricity, Solid State and Biophysics
Main activities and responsibilities	Didactic and research activities
Name and address of employer	University of Bucharest, Bd. M. Kogălniceanu 36 - 46, Sector 5, 050107, Bucharest, Romania
Type of business or sector	Education

Dates	1979 - 1980
Occupation or position held	Biophysicist
Main activities and responsibilities	Research activities
Name and address of employer	University of Bucharest, Bd. M. Kogălniceanu 36 - 46, Sector 5, 050107, Bucharest, Romania
Type of business or sector	Research

Dates	1975-1979
Occupation or position held	Physicist, <i>Electronica</i> Enterprise
Main activities and responsibilities	Technological activities
Name and address of employer	<i>Electronica</i> Enterprise
Type of business or sector	Industry

Education and training

Dates	1977 - 1988
Title of qualification awarded	PhD Diploma in Physics, specialisation - Biophysics
Principal subjects/occupational skills covered	Physical Properties of Chlorophyll-a Optical properties of photopigments: Optical properties of photopigments in organic solvents; Model systems for macromolecular chlorophyll-protein complexes obtained in linear synthetic polymers and aprotic solvents; Quenching of chlorophyll-a fluorescence by carotenoids and quinones. Spectroscopy - applications in the biological structure studies Protein-ligand interactions

Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics, Department of Electricity, Solid State and Biophysics
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Level in national or international classification	6 th level
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Dates	1970 - 1975
Title of qualification awarded	Diploma in Physics, specialisation Biophysics
Principal subjects/occupational skills covered	Physics Biophysics

Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics
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Level in national or international classification	6 th level
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Personal skills and competences

Fields of interest:

- Photosynthesis
- Molecular structure of biomolecules
- Ligand-protein interactions
- Spectroscopy of cytostatics molecules

Scientific activity:

- Optical properties of photopigments
- Quenching of chlorophyll-a fluorescence by carotenoids and quinones.
- Electrochemiluminescence of chlorophyll-a
- Ligand-protein interactions
- Spectroscopic study of fast-neutron-irradiated chromatin
- Spectroscopic study of cytostatics molecules

Papers:

- 4 books
- 5 book chapters
- 38 papers published in journals with impact factor
- 11 works published *in extenso* in ISI recognized proceedings
- 9 papers published in Romanian journals without impact factor
- 90 works presented at international and national conferences and symposia (50+40)

Member in research teams of 22 national and international scientific projects

(Director and Project Officer for 9 projects)

Specialisations:

Didactic and Research Stages in Biophysics, in the framework of the Tempus Project:

- University of Leiden, Holland (3 months 1993; 2 months 1994; 9 weeks 1995)
- Universite Paris-Sud, France (3 weeks 1995, 3 weeks 1997).

Conferences/Summer schools:

- 88 international and national conferences and symposia;
- French-Romanian School of Biophysics, Bucharest, Romania, 23-28 September, 1991
- School on Medical Genetics, ICTP, Trieste, Italy, 24 April-10 May, 1991;
- College on Methods and Experimental Techniques in Biophysics, ICTP, Trieste, Italy, 8 -23 October, 1992
- The International Workshop *New Biophysical Methods in Medicine and Biology*, Neptun, Romania, 26-30 September, 2000; International School on
- International Workshop on Quantitative Biology, Bucharest, Romania, 14 – 25 May, 2007.

Didactic activity:

Courses:

- Biomolecular Interactions
- Introduction in Biophysics
- Molecular and Cellular Biophysics
- Biophysical Ecology (M.Sc. programme)
- Special Problems in Biophysics (M.Sc. programme)
- Biological Membrane Transport (M.Sc. programme)

Biophysical Interactions, Biological Transport - Lectures in the Doctoral School in Physics, 1st year

Laboratory works/Seminars:

Molecular Biophysics
 Electricity and Magnetism
 Biomolecular Interactions
 Special Problems in Biophysics
 Introduction in Biophysics
 Biological Membrane Transport

Tutorship: Licence and Master Diploma in the Biophysics and Medical Physics; over 85 students: (1980– 2016).

Theses for the Didactic Degree in Physics

Mother tongue(s) Romanian

Other language(s) English, French

Self-assessment

European level (*)

Language

Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2		C1		B2		B2		C1	
B1		B2		B1		B2		B1	

(*) [Common European Framework of Reference for Languages](#)

Computer skills and competences Internet, Microsoft Word, Excel, Power Point, Photoshop

Other skills and competences **Member of professional associations:**

- Romanian Society of Physics
- International Society of Photosynthesis
- Romanian Society of Pure and Applied Biophysics of Romania

- ◆ 2004 – present: Member of the Council of the Faculty of Physics, University of Bucharest
- ◆ 2012 - 2016: Director of the *Department of Electricity, Solid State and Biophysics* -

- Co-organizer: *Ecole Franco – Roumaine en Biophysique*, Bucuresti, 23 - 28 sept. 1991;
Colloque Franco-Roumain. Applications des lasers en biologie, Bucuresti, 29 Mai-1 Iunie, 1995;
Workshop - Research and Education in Biophysics, Bucuresti, 30 sept. - 4 oct., 1997;
- Scientific evaluator in the National Research Programmes: CERES, CEEEX;
- Scientific referent - *Romanian Journal of Biophysics*;
- Scientific referent - *Journal of Optoelectronics and Advanced Material*;
- Scientific referent - *Romanian Reports in Physics*.
- Scientific referent - *Journal of Thermal Analysis and Calorimetry*

Driving licence Yes

Additional information/Recommendation

Prof. Dr. Aurel Popescu: aurel.popescu.46@gmail.com

