

PERSONAL INFORMATION

Maria-Magdalena MOCANU

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PROFESSIONAL EXPERIENCE

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- Since 2019 **Professor**
Biophysics, Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2014-2019 **Associate Professor**
Biophysics, Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2012-2014 **Lecturer**
Biophysics, Faculty of Medicine, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2008-2012 **Assistant Professor**
Biophysics, Faculty of Medicine, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2007-2008 **Research Assistant**
Biophysics, Faculty of Medicine, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania, external collaborator
- 2001-2003 **Research Assistant**
Biophysics, Faculty of Medicine, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania, external collaborator

ADMINISTRATIVE EXPERIENCE

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- Since 2014 **Head of Biophysics**
Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2018-2020 **Dean**
Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2016-2018 **Vice-dean of Research**
Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2016 **Head of Fundamental Disciplines Department**
Faculty of Midwifery and Nursing, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

TRAINING

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- 2016-2017 **Invited professor short-term fellowship**
Research Institute of the University of Bucharest, Bucharest, Romania
- 2012-2014 **Short-term fellowships**
Biophysics and Cell Biology, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

- 2013 **Short-term fellowship**
Haematology, Saint-Etienne University Hospital, Saint-Etienne, France
- 2011-2014 **Scientific visits**
Biophysics, Slovak Academy of Science, Kosice, Slovakia
- 2010-2011 **Marie-Curie post-doctoral short-term fellowships**
Biophysics, Faculty of Medicine, University of Debrecen, Debrecen, Hungary
- 2005-2007 **Max-Planck post-doctoral fellowship**
Max-Planck Research Unit for Molecular and Structural Biology, Desy, Hamburg, Germany
- 2003-2005 **Max-Planck PhD fellowship**
Max-Planck Research Unit for Molecular and Structural Biology, Desy, Hamburg, Germany

EDUCATION

- 2018 **Habilitation in Medicine**
"Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
- 2005 **PhD in Biology**
University of Bucharest, Bucharest, Romania
- 1999 **MSc in Biology**
University of Bucharest, Bucharest, Romania
- 1997 **BSc in Biology**
University of Bucharest, Bucharest, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
German	Independent user	Independent user	Independent user	Basic user	Basic user
French	Independent user	Independent user	Basic user	Basic user	Basic user

Communication skills Good communication skills gained through my teaching experience

Organisational / managerial skills Ability to coordinate, organize, plan, work as a team, adapt to different environments

- dean leadership (responsible for a team of 70 people)
- vice-dean leadership (responsible for a team of 70 people)
- leadership of fundamental disciplines department (responsible for a team of 11 people)
- leadership of biophysics discipline (responsible for a team of 4 people, including collaborators)
- leadership of research projects (responsible for a team of 6 people)

Technical skills Fluorescence *in situ* hybridization (FISH), proximity ligation assay (PLA), confocal microscopy, flow cytometry, immunofluorescence, Forster resonance energy transfer (FRET) as application for flow cytometry, immunohistochemistry (paraffin sections, cryosections), western blot, cell culture (adherent cell lines: SKBR3, N87, MKN7, A431, HT-29, A594, NTERA, LLC-PK1; cell lines in suspension: Jurkat, NB4, SEM, K-562), apoptosis, cell cycle, working with lab animals, molecular biology (PCR, molecular cloning, sequencing, adenoviral generation)

Computer skills MSOffice (MSWord, MS Excel, MSPowerPoint), Gallios software, FACS Diva software, Zeiss confocal software, LAS chemiluminescence software, SigmaPlot, ModFit, WinMDI, ImageJ,

Irfanview, ReFlex, Adobe Photoshop, GraphPad Prism, Google Drive, Google Classroom, Google Forms, Google Meet, Zoom, Skype

Driving licence B

SCIENTIFIC ACTIVITIES

Publications <https://publons.com/researcher/2808943/aria-magdalena-mocanu/>

Cumulative impact factor **100+** (scientific papers *in extenso* and abstracts)

Hirsch index **12** (WOS), **14** (Publons) **15** (Scopus)

Conferences **40+** (national and international)

Books and chapters in books **12** (1 book single author, 11 co-author)

Citations **630+** (WOS), **790+** (Publons) **760+** (Scopus)

Research projects **7** (3 principal investigator, 4 member)

Member in scientific societies
Romanian Society of Pure and Applied Biophysics
Romanian Society of Biochemistry and Molecular Biology
Romanian Association of Cytometry