



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Dorina-Emilia / CREANGA	
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E-mail	dorina.creanga@gmail.com ; mdor@uaic.ro	
Nationality	Romanian	
Date of birth	05.12.1955	
Gender	Female	

Present employment / position **University Professor**

Work experience

Dates	1. 2009 – present 2. 2003-2009 3. 1997-2003 4. 1994-1997 5. 1991-1994 6. 1979-1991
Occupation or position held	1. Professor 2. Associated professor 3. Lecturer 4. Associated lecturer 5. Assistant professor 6. Physicist
Name and address of employer	1,2,3,4,5 -Alexandru Ioan Cuza University of Iasi, Faculty of Physics 6. Antibiotics plant, Iasi
Type of business or sector	1,2,3,4,5 Education 6. Pharmaceutical Industry

Education and training

Dates	1. 2. 2005, June; 2004, June 3. 2002, July 4. 2000, October 5. 1999, April-May 6. 1994-1999 7. 1981, June 8. 1980, August 9. 1978, August 10. 1978-1979 11. 1974-1978
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	1. 2. French Romanian Summer Course of Biochemistry, Iasi, 10 th Edition, 9 th Edition 3. Basics and Advanced Applications of Magnetic Resonance Imaging and Localized Spectroscopy, Neptun, Romania 4. TEMPERE short course, Patras, Greece 5. French Romanian Seminary on Clinical Dosimetry, Iasi 6. PhD program, Iasi and Cluj Napoca, Romania 7. Specialization in industrial chemistry 8. Heavy ions summer course, Brasov, Romania 9. Plasma Physics specialization in Greifswald University, Germany 10. Post graduate specialization in <i>plasma physics, optics and spectroscopy, atom and molecule physics</i> , Faculty of Physics, Iasi, Romania 11. Faculty of Physics, Alexandru Ioan Cuza University of Iasi, Romania																														
Title of qualification awarded	1, 2,3,4,5 Diplomas of participation; 6 –PhD in Biophysics 7,8,9- diplomas of participation 10-diploma of specialization in <i>plasma physics, optics and spectroscopy, atom and molecule physics</i> 11 -physicist																														
Principal subjects/occupational skills covered	1,2. Biochemistry and genetics 3,4,5 Medical physics 6. Biophysics and biomagnetism in the visual system 7,8,9 pharmaceutical chemistry, heavy ion physics, plasma physics 10. <i>plasma physics, optics and spectroscopy</i> 11. physics																														
Name and type of organisation providing education and training	1.2.University of Lille (Fr.) 3. Romanian Cultural Foundation and International Society for Magnetic Resonance in Medicine, 4.Medical School of Patras (Gr.) 5. IAEA Viena (Austria) 6-Univ Babes Bolyai Cluj-Napoca (Ro) 7, ICCHIM Bucuresti, (Ro) 8, IFA Bucuresti, (Ro) 9, Univ of Greifswald (Germania) 10, 11 Alexandru Ioan Cuza University of Iasi, Romania																														
Personal skills and competences																															
Mother tongue(s)	Romanian																														
English, French	English C1, C2, B1, B2; French C1, C2, B1, B2																														
Self-assessment																															
European level (*)	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th><th colspan="2"></th></tr><tr><td>C1</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>B2</td><td>Independent user</td><td>B1</td><td>Independent user</td><td>B2</td><td>Independent user</td></tr></table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C1	Proficient user	C2	Proficient user	B2	Independent user	B1	Independent user	B2	Independent user
Understanding				Speaking				Writing																							
Listening		Reading		Spoken interaction		Spoken production																									
C1	Proficient user	C2	Proficient user	B2	Independent user	B1	Independent user	B2	Independent user																						
(*) <u>Common European Framework of Reference for Languages</u> The grid consists of three broad levels as follows: - Basic user (levels A1 and A2); - Independent user (levels B1 and B2); - Proficient user (levels C1 and C2). Please replace the above example with the appropriate level you scale yourself. For example, level 1 (A, B, C) is lower than level 2 (A, B, C)																															
Professional skills and competences																															
Organisational skills and competences	Experience in "peer review" activities; organization of scientific meetings Chief Editor Revista de Fizica Medicala (2013-2017) Member in Editorial Board of Romanian Journal of Biophysics Referent to Sensors & Actuators A., Int J Nanotech, BMC Biotechnol, J Magn Magn Mater , Colloids and Surfaces A, Int J Radiat Biol, J Ecol Natur Environ, J Med Medic Res, Asia Sci, Int Afr J Biochem Res, Int J Phys Sci, Int Res J Biotechn, Afr J Biochem Res, Int J Nutr Metabol, Afr J Microbiol Res, J Clin Med Res, J Bacteriol Res, J Biophys Struct Biol, Int J Med Res and others.																														
	Member in Organizing Committees of ICPAM-9, ICPAM-10, CNB 2005, 2013, 2015, FTEM 2008 - 2015																														
Teaching activities	AT PRESENT TIME- Neurobiophysics, Radiobiology, Bioelectricity																														

Projects

1. **CEEX (CERES)** Cercetări cu privire la interacția bio-electromagnetică și impactul biologic al expunerii umane în câmpuri electromagnetice de radiofrecvență și microunde, **2005-2007 director partener Creanga Dorina 115000 lei**
2. **PN II** contract nr. 71046/2007 **BIOMAG**, *Noi metode și tehnici biomagnetometrice de înaltă rezoluție pentru investigare și diagnosticare biomedicală- director partener uaic Creanga D. 2005-2007 in 2007-50000 lei*
3. **PN II** contract 474/2021 Cercetare exploratorie, **IDEI Studierea mecanismelor moleculare și celulare decianșate prin impactul contaminării magnetice și expunerii electromagnetice asupra organismelor vii-director Creanga D.-2009-2011 355802 lei**
4. **CNCSIS tip A** – contract nr. 1379,2007-2008, *Studiul unor efecte biologice ale fluidelor magnetice biocompatibile-director Creanga D. 2007-2008 – 100 000 lei*
5. **PN II** contract **BIOELECTRA-** nr. **41089 / 2007**.Noi metode și tehnici medicale de investigare, diagnosticare și monitorizare neinvazivă cu radiații electromagnetice neionizante-**membru 2007-2008, 148960 lei**
6. **IUCN JINR DUBNA no. 57/2015 – Metal based nanoparticles and some bioeffects –Nanoparticule pe baza de metale si unele bioefecte ale lor, director Creanga Dorina 1500 \$**
7. **IUCN JINR 2016 - proiect 04-4-1121 “Investigations of Condensed Matter by Modern Neutron Scattering Methods” 79/2016-Yielding of magnetic nanoparticles with various chemical composition and study of their bioeffects, director Creanga Dorina 1300 \$**
8. **IUCN JINR 2016 - 80/2016 proiect 04-4-1121-2016 Gold nanoparticles in aqueous suspension for applications in environment sciences, director Creanga Dorina 1200 \$**
9. **IUCN JINR 2016 - 62/2017 proiect 04-4-1121-2017, Multilayered nanoprticles with organic/inorganic composition and biological impact, director Creanga Dorina 3100 \$**
10. proiect **B.En.A** – **Balkan Environmetal Association-(Grecia), 2008 director Creanga Dorina, 1220 euro, Studiul efectelor biologice induse in organisme vii de campurile electromagnetice; evaluarea riscului asupra mediului pentru identificarea zonelor unde este necesara combaterea poluarii sau reconstructia ecologica**
11. **FP7 (tip IRSES PEOPLE,—no. 269263, CERVISO – Cerebelul in orientarea spatio vizuala, director Romania – Creanga Dorina -36.000 euro 2009-2014**
12. **CNCSIS tip A, Răspunsul diferitelor tipuri de biomembrane la constrângeri de natură fizică sau chimică, 2001-2003, director Creanga Dorina, 9000 lei**
13. **CEEX, "Cercetări de diagnoză preventivă și reducerea efectelor radiațiilor ionizante asupra țesuturilor sănătoase", 2005-2008, membru, 150 000 lei**
14. Proiect **bilateral România - Federația Rusa, Study of the impact of low radiation doses on some biological samples, 2008, 3000 \$, membru**
15. **Proiect CNCSIS-tip E-Instalație opoelectronică cu laser pentru măsurători in timp real – 2002, membru, 17000 lei**
16. **MCT-Biotech-03-3-PED-340/Contr.Nr.677 Optimizarea biodegradării deșeurilor din industria forestieră de către microorganisme celulosolitice prin utilizarea factorilor stimulatori, 200 000 lei, 2003-2004, membru**
17. Proiect **CNCSIS tip A -Cercetări de biofizică și fizică medicală, membru, 1999-2001, 8000 lei**
18. Proiect **Nr. 61-16 / 18.09.2007 - Programul Parteneriate In Domeniile Prioritare, Categoria de Proiect: Complex, Caracterizarea moleculara a mecanismelor de acțiune a peptidelor antimicrobiene și predicția de novo a unor structuri moleculare cu potențial antimicrobial sporit, membru, 2007-2010, 55 000 lei**
19. **CNCSIS-tip A-Cercetarea caracterului fractal la celule sangvine și vegetale-membru, 2004-2006, 15000 lei**

Impact of research activity

260 papers published in extenso
 ISI Thomas Reuter h=12
 Google scholar; h=16
 Scopus; h=11

Date
 05. 2017

Signature

