



## CURRICULUM VITAE

### Personal information

First name(s) / Surname(s) **Boldeanu Florina-Maria**  
Address(es) No. 13, Bl. A22, Ap. 8, Sc. B, Street name Luminita Botoc, City Timisoara, Country Romania,  
Telephone(s) Mobile: +40724708148  
E-mail boldeanu.florina@yahoo.com  
Nationality Romanian  
Date of birth 27.06.1981  
Gender Female  
Married Yes from 8.10.2008  
Children Yes - 2 (Matei born 29.09.2010 and Stefan born 1.07.2012)

### Work experience

Dates 01.11.2005 – present  
Occupation or position held Chemist  
Main activities and responsibilities Characterization and identification of natural compounds in various plant extracts; Analysis of compounds at UV-VIS, HPLC and GS-MS; Identification of blood, serum and plasma at Dade-Bering, Bn-Prospect, Hyris, AVL669, Hitachi 477, Hitachi 909, Clinitek, Miditron; Molecular biology techniques: DNA extraction, PCR, and HLA techniques.  
Name and address of employer Emergency County Hospital Timisoara  
Type of business or sector Immunology  
Dates 09.07.2014 - present  
Occupation or position held Chemist  
Main activities and responsibilities Molecular biology techniques: DNA extraction, PCR applied for patients diagnosed with hemophilia.  
Name and address of employer Emergency Clinical Hospital for Children Louis Turcanu Timisoara, No. 2, Str. Dr. Iosif Nemoianu, 300011, Timișoara, Roumania  
Type of business or sector Molecular Biology Laboratory, Pediatric Clinic II-III

### Education and training

Dates **2009-2013**  
Title of qualification awarded PhD  
Principal subjects/occupational skills covered Techniques of molecular biology: isolation of nucleic acids of patients blood or bone marrow samples, different preparative and quantitative PCR-techniques, sequence analyses of target genes, lineage specific cell isolation by magnetic adsorbent cell separation (MACS).  
The investigation of minimal residual disease (MRD) in patients diagnosed with acute lymphoblastic leukemia (ALL).

Name and type of organisation providing education and training	PhD studies made in University of Medicine and Pharmacy “Victor Babes” Timisoara in collaboration with University Hospital Frankfurt, Clinic for Pediatric and Adolescent Medicine, Department for Stem Cell Transplantation and Immunology
<b>Dates</b>	<b>2005 - 2006</b>
Title of qualification awarded	Masters degree
Principal subjects/occupational skills covered	Characterization and identification of natural compounds in various plant extracts; Analysis of compounds at UV-VIS, HPLC and GS-MS;
Name and type of organisation providing education and training	Polytechnic University of Timisoara, Industrial Chemistry and Environmental Engineering, Domain of Fundamental processes in organic synthesis and fine synthesis
<b>Dates</b>	<b>2000 - 2005</b>
Title of qualification awarded	Faculty degree
Principal subjects/occupational skills covered	Organic synthesis and fine synthesis; Projection of an installation of phenylbutazone
Name and type of organisation providing education and training	Polytechnic University of Timisoara, Industrial Chemistry and Environmental Engineering, Domain of Technology of organic substances
Dates	1996 - 2000
Title of qualification awarded	Baccalaureate degree
Name and type of organisation providing education and training	School Group “Petru Maior”, Domain of Chemistry-Biology
Mother tongue(s)	<b>romanian</b>
Other language(s)	English – B2; French – A2; German – B1.1
Computer skills and competences	Microsoft Office, Chemoffice, GC/MS Instrument Data Analysis, UniMatch version 4.01, Dynal Biotech Pattern Matching Program version 5.42.
Driving licence	yes
<b>Courses</b>	<ul style="list-style-type: none"> <li>- Postuniversity Course “Modern Investigations of Clinic Biochemistry and Molecular Biology of Clinic Laboratory”, University of Medicine and Pharmacy “Victor-Babeş”, Timișoara, May 2007;</li> <li>- Postuniversity Course „Endothelial cell and tumoral angiogenesis”, University of Medicine and Pharmacy “Victor-Babeş”, Timișoara, April 2007;</li> <li>- Postuniversity Course “Modern Investigations of Clinic Biochemistry and Molecular Biology of Clinic Laboratory”, University of Medicine and Pharmacy “Victor-Babeş”, Timișoara, May 2007;</li> <li>- Workshop “News in immunogenetics of cancer, immunology of transplant and virusology”, Clinical Institute Fundeni, Bucharest, March 2008;</li> <li>- Postuniversity Course „Modern Investigations of Clinic Biochemistry and Molecular Biology of Clinic Laboratory”, University of Medicine and Pharmacy “Victor-Babeş”, Timișoara, May 2008;</li> <li>- Postuniversity Course “Biomarkers in clinical laboratory: applications in predisposition, diagnosis, prognosis, and therapeutical orientation”, University of Medicine and Pharmacy “Victor-Babeş”, Timișoara, November 2008</li> <li>- Postuniversity Course “Modern Investigations of Clinic Biochemistry and Molecular Biology of Clinic Laboratory”, University of Medicine and Pharmacy “Victor-Babeş”, Timișoara, May 2009.</li> </ul>

## Published Papers – Abstracts

**Florina M. Boldeanu**, Alexandra Gruia, Valentin L. Ordodi, Margit Serban, Peter Bader, Hermann Kreyenberg, Childhood Acute Lymphoblastic Leukemia: Detection of Minimal Residual Disease after Allogeneic Transplantation, *Revista Română de Medicină de Laborator Vol. 20, Nr. 3/4, Septembrie 2012*

Ursu E, Ordodi V, **Boldeanu F**, Jinca D, Serban M, Bio-molecular substrate of haemophilia and its significance for the clinical practice, Genetic diagnostic method developments Screening Conference, Szeged, 27.04.2012

**Boldeanu FM**, Serban M, Clinical applications of the biomolecular investigations, personal contributions in oncology, *Fiziologia 2010 Suppl: Symposium "European strategy for PhD Programs*

**Boldeanu FM**, Ordodi V, Gruia A, Serban M, Minimal residual disease-generalities and perspectives, *Fiziologia 2011 Suppl: PhD Symposium 8.09.2011*

**Boldeanu FM**, Ordodi V, Gruia A, Cristea M, Gai E, Serban M, Minimal residual disease-generalities and perspectives, *Timisoara Medical Journal, 2011, 61 (3-4):221-224*

Elena Gai, Alexandra Gruia, **Florina Boldeanu**, Margit Serban, Simona Arghirescu, C Jinca, C Tatu, Loredana Balint Gib, Valentin Ordodi, Calin Tatu, Virgil Paunescu, Relation Between HLA A02 alele and the risk of the childhood acute leukemia, *Imunology and Clinical Allergology Joint Meeting, 28 aprilie-1 mai 2010, pg27*

Elena Gai, Alexandra Gruia, **Florina Boldeanu**, Mirabela Cristea, Margit Serban, Smaranda Arghirescu, Cristian Jinca, Loredana Balint Gib, V Ordodi, V Paunescu, RELATIONSHIP BETWEEN HLA A 02 A03 ASSOCIATION AND THE RISK OF CHILDHOOD ACUTE LEUKEMIA, *Analele Stiintifice ale Universitatii Alexandru Ioan Cuza, Sectiunea Genetica si Biologie Moleculara, TOMXI,61-64*

Gruia A., **Moldovan F**, Ilie D, Ordodi V.L, Orem W.H, Lerch III H. E, Pavlovic N, Tatu C. A, Paunescu V., *Aristolochia clematitis* and Balkan Endemic Nephropathy in Romania: Is there a connection?, abstract, October 2006

Gruia, Alexandra T., Scurtu, Ileana L., Albuiescu, Mariana, **Moldovan, Florina M.**, Orem, William H., Study regarding the toxicity of *Aristolochia* in traditional medicine recipes: quantitative analysis of aristolochic acid in some therapeutical extracts, abstract, October 2006

Tatu, Calin A., Gruia, Alexandra T., Albuiescu, Mariana, **Moldovan, Florina M.**, Orem, William H., Study regarding the toxicity of *Aristolochia* in traditional medicine recipes: the activity of traditional *Aristolochia clematitis* recipes on cell cultures, abstract, October 2006.

## Member in Research Projects

«The Obtaining of nanocomposites/nanocrystals with applications in biotechnology, agriculture, alimentation, health and environmental protection», (NUSA), PC-D02-PT04-514, 2005-2007

«Screeningul bolilor metabolice la nou nascut și diagnostic molecular genetic al bolilor ereditare» HURO/0802/008