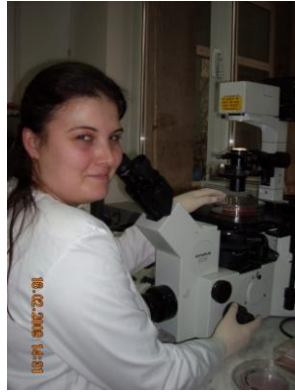


## Curriculum vitae Europass



### Personal information

First name / Surname **Cristea Iustina-Mirabela**  
 Address Duboz, No. 159, Timis, Romania  
 E-mail bunceanum@yahoo.com  
 Nationality Romanian  
 Date of birth 05.03.1982

### Work experience

Dates 2005-present  
 Occupation or position held Biologist – research assistant  
 Main activities and responsibilities Cell cultures, *in vitro* assays, flowcytometry, flowchamber, immunohistochemistry, molecular biology, ELISA  
 Name and address of employer Emergency Clinical County Hospital Timisoara, Regional Center for Transplant Immunology

### Education and training

Dates 2008-2011  
 Title of qualification awarded PhD medical sciences  
 Principal subjects/occupational skills covered Cell cultures, *in vitro* assays, flowcytometry, flowchamber, immunohistochemistry, molecular biology, ELISA  
 Name and type of organisation providing education and training Victor Babes University Of Medicine and Pharmacy, Timisoara

Dates 2009  
 Title of qualification awarded Biologist – Clinical Immunology  
 Principal subjects/occupational skills covered Immunology  
 Name and type of organisation providing education and training University Centre of Timisoara

Dates 2005-2007  
 Title of qualification awarded Master Degree  
 Principal subjects/occupational skills covered Developmental Biology and Genetics

Name and type of organisation providing education and training	West University of Timisoara The Faculty of Chemistry-Biology-Geography Biology Department
Dates	2001-2005
Title of qualification awarded	Bachelor degree in Biology
Principal subjects/occupational skills covered	Biology
Name and type of organisation providing education and training	West University of Timisoara The Faculty of Chemistry-Biology-Geography Biology Department
Dates	1996-2001
Title of qualification awarded	Highschool diploma
Principal subjects/occupational skills covered	Teaching training skills
Name and type of organisation providing education and training	„C.D. Loga” Pedagogic Highschool, Caransebes
Dates	May 15-17 2008
Title of qualification awarded	Biochemistry and molecular biology modern techniques in clinical laboratory
Principal subjects/occupational skills covered	Postuniversity course in clinical biochemistry and molecular biology
Name and type of organisation providing education and training	Victor Babes University Of Medicine and Pharmacy, Timisoara
Dates	May 17-19 2007
Title of qualification awarded	Modern investigations of clinical biochemistry and molecular biology in clinical laboratory
Principal subjects/occupational skills covered	Postuniversity course in clinical biochemistry and molecular biology
Name and type of organisation providing education and training	Victor Babes University Of Medicine and Pharmacy, Timisoara
<b>Personal skills and competences</b>	
Mother tongue	Romanian
Other language	English (Understanding, Speaking, Writing – intermediate level)
Social skills and competences	Team spirit, good communication skills
Computer skills and competences	Skills in Microsoft Office™ tools (Word™, Excel™ and PowerPoint™)
<b>Additional information</b>	Research assistant in five research projects. Professional organizations: - Immunological Romanian Society - Biochemists, Biologists and Chemists Order from Romanian Sanitary System
<b>Annexes</b>	Annex 1, Research projects list Annex 2, Publication list

## Annex 1 - RESEARCH PROJECTS LIST

Project	Possition	Dates
<b>PNII-IDEI UEFISCDI No. 318/2012</b> Tumor-associated fibroblasts as novel target in anti-tumor therapy – identification of origin, role and characteristic molecular markers	Research assistant	2012-2014
<b>PNCD-II Parteneriate No.41-091/2007</b> Acronim RECON-OS – Bone segment defects reconstruction using seeded biomimetics scaffolds with osteogenic cells	Research assistant	2007-2010
<b>PNCD-II Parteneriate No.41-019/2007</b> Acronim ONCOSTEM – Genetic Engineering of Cancer Stem Cells for Immune Response Modulation in Cancers of Non-Viral Origin	Research assistant	2007-2010
<b>PNCD-II Parteneriate No.41-057/2007</b> Acronim AGEing- Novel Therapeutical Strategies of immunosenescence and senescence process	Research assistant	2007-2010
<b>CEEX-Viasan No.80/2006</b> Acronim SENTAP - Novel strategies for immune response modulation in the elderly: The impact of telomerase and of apoptosis on the T cell immunosenescence process	Research assistant	2006-2008

## Annex 2 – PUBLICATION LIST

### Publications:

- Adipocytes Differentiated in vitro from Rat Mesenchymal stem Cells Lack Essential Free Fatty Acids Compared to Adult Adipocytes**, Florina maria Bojin, Alexandra Teodora Gruia, Mirabela-Iustina Cristea, Valentin Laurentiu Ordodi, Virgil Paunescu, Felix Aurel Mic, Stem Cells Dev. 2012 Mar 1;21(4):507-12. Epub 2011 Dec 2
- Aristolochia clematitis in traditional medicine recipes: toxin or remedy?**, Mirabela I. Cristea, Alexandra T. Gruia, Valentin L. Ordodi, Oana I. Gavriiliuc, Ileana Scurtu, Violeta Moica, Simona Anghel, Florin Margineanu, Nikola Pavlovic, Elena Gai, Victor Dumitrascu, Fabian Tatu, Virgil Paunescu, Calin A. Tatu, Central European Journal of Occupational and Environmental Medicine, 2009;Vol. 15, No 1-2; 7-18
- Aristolochia clematitis in medicine: the good and the bad**, Mirabela I. Cristea, Alexandra T. Gruia, Simona Anghel, Elena Gai, Calin A. Tatu, Virgil Paunescu, Fiziologia - *Physiology* 2010.20.1(65), pg. 26-28, ISSN 1223-2076
- Adhesion behavior and functional studies on normal and tumoral cells exposed to Aristolochia clematitis aqueous extracts**, Mirabela Cristea, Alexandra Gruia, Florina Bojin, Elena Gai, Moica Violeta, Florina Boldeanu, Gabriela Tanasie, Calin Tatu, Virgil Paunescu, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iasi, Secțiunea Genetică și Biologie Moleculară, TOM XI, 2010,pg 107-112, ISSN 1582-3571
- Stromal Cells - Tumor Microenvironment Interactions – Part I**, Florina Bojin, Calin Tatu, Oana Gavriiliuc, Alexandra Gruia, Gabriela Tanasie, Carmen Tatu, Mirabela Cristea, Felicia Ciuculescu, Alexandru Tocut, Daniela Crisnic, Adrian Carabineanu, Daciana Nistor, Carmen Bunu, Virgil Paunescu, Fiziologia - *Physiology* 2010.20.1(65), pg. 37-41, ISSN 1223-2076
- Stromal Cells - Tumor Microenvironment Interactions – Part II**, Florina Bojin, Calin Tatu, Oana Gavriiliuc, Alexandra Gruia, Gabriela Tanasie, Carmen Tatu, Mirabela Cristea, Felicia Ciuculescu, Alexandru Tocut, Daniela Crisnic, Adrian Carabineanu, Daciana Nistor, Carmen Bunu, Virgil Paunescu, Fiziologia - *Physiology* 2010.20.2(66), pg. 31-36. ISSN 1223-2076
- Epithelization of skin lesions in animal model treated with mesenchymal stem cells and derivatives**. Gabriela Tanasie, Florina Bojin, Valentin Ordodi, Alexandra Gruia, Oana Gavriiliuc, Mirabela Cristea, Cristina Dehelean, Roxana Vintila, Calin Tatu, Carmen Bunu, Virgil Paunescu. *Romanian Biotechnological Letters*, ISSN 1224-5984
- In Vitro Characterization of Mechanisms Involved in Adipogenic Differentiation of Mesenchymal Stem Cells and Tumor Associated Fibroblasts.**, F Bojin, CA Tatu, O Gavriiliuc, V Ordodi, A Gruia, A Rosca, G Tanasie, C Tatu, D Crisnic, D Nistor, M Cristea, S Anghel, A Boleman, C Bunu, V Paunescu, *Fiziologia-Physiology*, 2009, vol. 19, nr. 4 (64), pg. 21-27. ISSN 1223-2076
- Stem cells and osteoarticular regeneration**. Tanasie G, Tatu C, Bunu C, Tascu M, Igna C, Vasilco R, Cristea M, Paunescu V, Anghel S, Schultzer L, Mirea F, Voicu A, Dema A and V Paunescu. *Fiziologia – Physiology*, 2007; 17(55):7-10

- 10. Role of patient's age, gender and associated diseases in clonogenic potential of human MSC,** Tanasie, G., Deak, E., Anghel, S., Paunescu, V., Bunceanu, M., Ionita, H., Siska, IR., Bunu, C., Tatu, C., Paunescu, V., workshop New structures and biomaterials for life and health. Trends and priorities in ERA, Timisoara, Fiziologia. Physiology, ISSN 1223-2076, 16, 1 (49), pg.47, 14 aprilie, 2006

**Abstracts:**

- 1. Functional studies on normal and tumoral cells exposed to different concentrations of *Aristolochia clematitis* aqueous extracts,** Mirabela Cristea, Alexandra Gruia, Florina Bojin, Elena Gai, Oana Gavriiliuc, Calin Tatu, Virgil Paunescu, Joint Meeting of Immunology and Clinical Allergology, 28 april – 1 May, 2010, Sibiu, Abstract book pg. 28, ISBN 978-973-88744-3-5
- 2. Immunophenotypic characterization of several tumoral cell lines and cytotoxicity evaluation of certain antitumoral compounds by alamar blue assay:** Alexandra Gruia, Florina Bojin, Mirabela Cristea, V. L. Ordodi, Oana Gavriiliuc, Elena Gai, Simona Anghel, Adriana Rosca, C. Tatu, V. Paunescu, Joint Meeting of Immunology and Clinical Allergology, 28 april – 1 May, 2010, Sibiu, Abstract book pg. 28, ISBN 978-973-88744-3-5
- 3. Adipocytes-induced changes in tumor microenvironment and cancer cells behavior:** Bojin Florina, Tatu C, Gavriiliuc Oana, Boleman Alexandra, Gruia Alexandra, Cristea Mirabela, Anghel Simona, Nistor Daciana, Tatu Carmen, Tanasie Gabriela, Bunu Carmen, Paunescu V. Joint Meeting of Immunology and Clinical Allergology, 28 april – 1 May, 2010, Sibiu, Abstract book pg. 30, ISBN 978-973-88744-3-5
- 4. Tumor-associated fibroblasts as an activated subtype of mesenchymal stem cells.** Bojin F, Tatu C, Gavriiliuc O, Gruia A, Cristea M, Tanasie G, Tatu C, Bunu C, Paunescu V. First European Conference on Mesenchymal Stem Cells, Toulouse, France, November 18-20, 2010, Abstract Book, pg. 51
- 5. In vitro induction of bone marrow derived mesenchymal stem cells in epithelial-like cells.** Tanasie G, Bojin F, Tatu CA, Gavriiliuc O, Tatu RF, Bunu C, Anghel S, Cristea M, Paunescu V. Academician Nicolae Cajal Symposium Vth Edition. „Translational Oncology, Cell Therapy, Virology” Romanian Academy library, Bucharest, Aprilie 15-16, 2010
- 6. Tumor-associated fibroblasts as a subset of mesenchymal stem cells.** Bojin F, Tatu CA, Gavriiliuc O, Rosca A, Tatu C, Tanasie G, Cristea M, Gruia A, Crisnic D, Nistor D, Anghel S, Bunu C, Paunescu V. Diaspora in Romanian scientific research and higher education – Molecular Medicine, Next generation Conference, 22-23 September 2010, Romanian Academy, Abstract book 48-49
- 7. Mesenchymal stem cells – linking immunomodulation with pancreatic regeneration in Type 1 diabetes** Gavriiliuc OI, Bojin FM, Ordodi V, Mic FA, Rosca A, Cristea M, Tatu CA, Paunescu V.. *International Immunology* 2010, 22 (suppl.); 164 - 14th International Congress of Immunology, Kobe, Japan
- 8. In vitro characterization of tumor-associated fibroblasts as supportive network for cancer development,** Bojin FM, Tatu CA, Gavriiliuc O, Ciuculescu F, Cristea M, Rosca A, Anghel S, Gruia A, Crisnic D, Tanasie G, Tatu C, Nistor D, Bunu C, Paunescu V.. *International Immunology* 2010, 22 (suppl.); 167 - 14th International Congress of Immunology, Kobe, Japan
- 9. Human adult mesenchymal stem cells differentiation in vitro through condrogenic lineage.** MF Bojin, Gabriela Tanasie, Mirabela Cristea, Simona Anghel, Romulus Fabian Tatu, Valentin Ordodi, Calin Adrian Tatu, Carmen Bunu, Virgil Paunescu. The Journal of Physiological Sciences, Proceedings of the XXXVI Congress of Physiological Sciences (IUPS2009), July 27-August 1, 2009, Kyoto, Japan, Vol. 59, Supplement 1, 2009, pg. 443
- 10. Reconstructia defectelor osoase prin utilizarea de matrici sintetice si celule osteogenice** RF Tatu, Carmen Tatu, Gabriela Tanasie, Florina Bojin, Mirabela Cristea, R. Bredicianu, C. Cebzan. 11<sup>th</sup> Edition of Academic Days Timisoara, 28-29 May, TMJ, 2009, 59 (suppl. 1), pg. 27
- 11. Utilizarea celulelor stem mezenchimale umane pentru endotelizarea grefoanelor vasculare artificiale** Daciana Carmen Nistor, Carmen Bunu, Gabriela Tanasie, Florina Bojin, Dana Plesca, Mirabela Cristea, V. Paunescu. 11<sup>th</sup> Edition of Academic Days Timisoara, 28-29 May, TMJ, 2009, 59 (suppl. 1), pg. 27
- 12. Expression of pluripotency transcription factors in mesenchymal stem cells is not indicative of their potential for differentiation.** Gavriiliuc O, Ciuculescu F, Cristea M, Bojin F, Tatu CA, Paunescu V. International Symposium on Morphological Sciences, 12-16 September, Timisoara, Romania, 2008, Abstract book, pg. 83
- 13. Studii de clonogenitate a celulelor stem mezenchimale din maduva osoasa hematogena,** Tanasie, G., Deak, E., Anghel, S., Mirea, F., Siska, IR., Bunu, C., Bunceanu, M., Ionita, I., Paunescu, V., A XXI-a Conferinta Nationala a Societatii Romane de Stiinte Fiziologice, Oradea-Baile Felix, 11-13 mai, pg.108., 2006