



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)

Laura Marusciac

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Nationality

Romanian

Date of birth

14/11/1983

Gender

Female



Work experience

Dates

01/03/2009 →

Occupation or position held

Teaching assistant, Department of Functional Sciences (for Physiology, Immunology, Allergy)

Main activities and responsibilities

Conducting assigned courses and seminars; development and implementation of innovative instructional methods; assessment, review and evaluation of student activities and progress

Name and address of employer

Victor Babes University of Medicine and Pharmacy
2 Eftimie Murgu Sq, 300041 Timisoara (Romania)

Type of business or sector

Higher education

Dates

01/01/2009 →

Occupation or position held

Resident physician, Allergy and Clinical Immunology

Main activities and responsibilities

Healthcare (prevention, diagnosis, medical assistance, treatment, rehabilitation of patients)

Name and address of employer

Timis County Clinical Emergency Hospital
10 Dr. I. Bulbuca Blvd, 300736 Timisoara (Romania)

Type of business or sector

Healthcare

Education and training

Dates

01/11/2008 →

Title of qualification awarded

PhD in Medical Sciences

Principal subjects / occupational skills covered

Research of mesenchymal stem cell migration

Name and type of organisation providing education and training

Victor Babes University of Medicine and Pharmacy (Higher education)
2 Eftimie Murgu Sq, 300041 Timisoara (Romania)

Level in national or international classification

ISCED 6

Dates

2002 - 2008

Title of qualification awarded

Medical Doctor

Principal subjects / occupational skills covered

Healthcare

Name and type of organisation providing education and training

Victor Babes University of Medicine and Pharmacy (Higher education)
2 Eftimie Murgu Sq, 300041 Timisoara (Romania)

Level in national or international classification ISCED 5

Dates 1998 - 2002

Title of qualification awarded Assistant programmer

Principal subjects / occupational skills covered Computer programming

Name and type of organisation providing education and training Grigore Moisil Computer Science High School Timisoara (Secondary education)
4 Ghirlandei, 300231 Timisoara (Romania)

Level in national or international classification ISCED 3

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level ()*

English
French
Spanish / Castilian
German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B1	Independent user	B1	Independent user	A2	Basic User	A2	Basic User	A2	Basic User
A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences Good ability to adapt to multicultural environments, gained through my work experience abroad
Good communication skills, gained through my experience as physician

Organisational skills and competences Problem solving skills gained through active participation in several projects
Sense of organisation

Technical skills and competences Good skills in different laboratory techniques involving cell and molecular biology

Computer skills and competences Very good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™)
Good command of Windows XP™ and Windows 7™
Fair knowledge of graphic design applications (PhotoShop™)
Fair programming skills in Pascal™, FoxPro™, HTML

Artistic skills and competences Beginner piano player

Other skills and competences Moderator of the Medical Area of Softpedia Message Board (the biggest Romanian message board) since 2009
Good cooking skills

Driving licence(s) B

Additional information TRAINING COURSES AND WORKSHOPS

2012 Workshop Cell Transplant in Cell Therapies - Ethical and Safety Aspects of Clinical Applications Involving Stem Cells
2011 Research scholarship, Johann Wolfgang Goethe University, Blutspendedienst, Frankfurt am Main, Germany (mesenchymal stem cell biology)

2010 – 2011 ERASMUS programme, Johann Wolfgang Goethe University, Blutspendedienst, Frankfurt am Main, Germany (mesenchymal stem cell biology)

2010 Workshop, Gender identity disorder – medical, social and judicial aspects, Poiana Brasov, Romania

2009 Research scholarship, Johann Wolfgang Goethe University, Blutspendedienst, Frankfurt am Main, Germany (hemophilia)

2009 Workshop, Introduction to LGBT issues, Sinaia, Romania

2007 Professional exchange, Hematology Department, Dubrava University Hospital, Zagreb, Croatia

2007 Professional exchange, Hematology Department, Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Switzerland

2006 Summer school, Pathologie et pharmacologie moleculaires. Biotechnologies, Arad, Romania

2005 Research exchange, Determining the frequency of a particular polymorphism related to a hemoglobinopathy in the Maltese population, Department of Molecular Genetics, University of Malta, Msida, Malta

Certificate for Presentation Skills EVOLUTIV Consultants Network

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Junior Member of the European Academy of Allergy and Clinical Immunology (EAACI)

AWARDS

2006 1st prize, the 10th International Congress For Medical Students And Young Doctors MEDIS, Timisoara

RESEARCH PROJECTS

Project	Position held	Period
INTERNATIONAL		
Regenerating Bone Defects using New biomedical Engineering approaches (REBORNE), FP7-241879/2009	Team member	01/2011 →
Cultivated Adult Stem Cells as Alternative for Damaged tissue (CASCADE), FP7-223236/2007	Team member	04/2010 – 11/2011
NATIONAL		
Tumor-associated fibroblasts as novel target in anti-tumor therapy – identification of origin, role and characteristic molecular markers, PNII-IDEI UEFISCDI No. 318/2011	Team member	09/2012 →

Annexes

Annex 1: List of papers published in the past five years

Annex 2: List of posters and oral presentations

Annex 1: List of papers published in the past five years

1. Bojin F, Ordodi V, Gavriiliuc O, Cristea M, Anghel S, Gruia A, Mic FA, Cean A, Lazarovicz R, Toma M, **Marusciac L**, Tanasie G, Tatu C, Panaitescu C, Paunescu V. In vitro models of adipogenesis for understanding molecular mechanisms underlying occurrence of obesity. Conference and Advanced Translational Research Workshop: Chronic Diseases – From Pathogenesis to Therapy, 25-27 October 2012, Timisoara. Abstract book pg. 37, ISBN 978-606-8054-93-3
2. **Marusciac L**, Panaitescu C, Tatu C, Tanasie G, Bojin F, Paunescu V. Adhesion of human mesenchymal stem cells to inflammatory mediators after specific inhibition of CD29. The 24th Annual Immunology Conference, 27-29 September 2012, Bucharest. Abstract Book pg. 21, ISBN 978-606-8003-24-5
3. Bojin F, Ordodi V, Anghel S, Cristea M, Gavriiliuc O, **Marusciac L**, Toma M, Lazarovicz R, Panaitescu C, Paunescu V, Na⁺/K⁺ - ATP-ase blockers inhibit functionality of bone marrow-derived mesenchymal stem cells. Conference and Advanced Research Workshop – Sudden Cardiac Death & Cardioprotection, 6-9 September 2012, Timisoara. Abstract Book pg. 97-98, ISBN 978-606-8054-80-3; 978-963-306-162-6
4. **Marusciac L**, Panaitescu C, Paunescu V, Interactions between Mesenchymal Stem Cells and Cellular Effectors of Immune System, Fiziologia. Physiology 2012, 22, 1 (73), 4-11, ISSN 1223-2076
5. **Marusciac L**, Panaitescu C, Paunescu V, Comparative Analysis of Bone Marrow-Derived Mesenchymal Stem Cells and Immortalized Mesenchymal Cell Line, Fiziologia. Physiology 2012, 21, 4 (72), 4-10, ISSN 1223-2076
6. **Marusciac L**, Specific Chemokine-Chemokine Receptors Interactions and Their Role in hMSC Migration, Fiziologia. Physiology 2011, S1, 11, ISSN 1223-2076
7. **Marusciac L**, Bunu C, Generation of novel recombinant factor IX variants with enhanced clotting activity, Romanian Journal of Rare Diseases, 2010, S1, 37, ISSN 2068 – 5882
8. Bunu C, **Marusciac L**, Tatu C, Cutaneous manifestations associated with toxocariasis in children. Skin Allergy Meeting Abstract Book 2010, 17
9. **Marusciac L**, Bunu C, Tatu C, Tanasie G, Paunescu V, Interleukin-24, Fiziologia. Physiology 2010, 20, 1 (65), 9-12, ISSN 1223-2076
10. Bunu C, Balaceanu A, Matis B, **Marusciac L**, Acetylsalicylic acid provocation test and desensitisation in a cardiac patient with a history suggesting acetylsalicylic acid hypersensitivity, European Annals of Allergy and Clinical Immunology 2010, 42(2), 86
11. Bunu C, Cernescu L, Jiga J, Jiga L, Rosca A, Tatu C, Tanasie G, Matis B, Bojin F, **Marusciac L**, Th1/Th2 cytokine response to in vitro allergen challenge of dendritic cells derived from monocytes, Pediatric Allergy & Immunology 2009, Vol. 20, Suppl. 20, 60
12. Matiș B, Bunu C, Tanasie G, Tatu C, Bojin F, Cernescu L, Tatu C, **Marusciac L**, Păunescu V, Establishment, Propagation and Maintenance of Primary Pulmonary Fibroblasts Fiziologia. Physiology 2009, 62, 17-21, ISSN 1223-2076
13. Ianovici N, Bunu C, Balaceanu A, Igrat L, **Marusciac L**, The principal airborne and allergenic pollen species in Timisoara, Journal of Romanian Society of Allergology and Clinical Immunology 2009, 6, 4, 147, ISSN 1584-7330
14. Ianovici N, Bunu C, **Marusciac L**, Ambrosia artemisiifolia in Romania, Journal of Romanian Society of Allergology and Clinical Immunology 2009, 6, 4, 146, ISSN 1584-7330
15. **Marusciac L**, Giurgiulescu A, Rotar R, Zamfir N Depression Among Medical Students At the “Victor Babes” University Of Medicine And Pharmacy Timisoara, Timisoara Medical Journal 2006, Vol. 56, Suppl. 3, 60, ISSN 1583-5251

Annex 2: List of posters and oral presentations

- 2012 HURO Conference and Advanced Translational Research Workshop: Chronic Diseases – From Pathogenesis to Therapy In vitro models of adipogenesis for understanding molecular mechanisms underlying occurrence of obesity
- 2012 Conference & Advanced Workshop Sudden Cardiac Death & Cardioprotection Na⁺/K⁺ - ATP-ase Blockers Inhibit Functionality of Bone Marrow-Derived Mesenchymal Stem Cells
- 2012 The 42nd Annual Conference of the Romanian Society of Immunology Adhesion of human mesenchymal stem cells on inflammation mediators after CD29 specific inhibition
- 2012 The 9th International Congress for Medical Students and Young Doctors Congressis (Surface and intracellular expression of chemokine receptors on human mesenchymal stem cells)
- 2012 GATA-3 gene expression on CD4⁺ T lymphocytes from allergic patients
- 2012 The 11th National Congress of the Romanian Society of Physiological Sciences Specific inhibition of CD29 decreases adhesion of mesenchymal stem cells to inflammation mediators
- 2012 National Science Students Conference (The use of ACT questionnaire for the evaluation of therapeutic response in asthmatic patients)
- 2011 Bilateral Cooperation of Doctoral Schools Timisoara-Szeged – an European Model for Setting up a Doctoral Programme in the Medical Field (Specific Chemokine-Chemokine Receptors Interactions and Their Role in hMSC Migration)
- 2010 Skin Allergy Meeting, Venice, Italy (Cutaneous Manifestations Associated with Toxocarosis in Children)
- 2010 3rd Edition of the National Congress of Medical Genetics, Timisoara, Romania (Generation of novel recombinant factor IX variants with enhanced clotting activity)
- 2010 5th Edition of the “Academician Nicolae Cajal Symposium”, Bucharest, Romania (The ethical issues highlighted by European Group of Ethics on Human Stem Cell use as advanced therapies)
- 2010 14th International Congress For Medical Students And Young Doctors MEDIS 2010, Timisoara, Romania (Correlation between the symptoms exacerbation in allergic patients and the dynamics of Ambrosia pollen in the western part of Romania)
- 2006 10th International Congress For Medical Students And Young Doctors MEDIS 2006, Timisoara, Romania (Depression Among Medical Students At „Victor Babes” University Of Medicine And Pharmacy Timisoara)