

# European Curriculum Vitae format

## Personal Information

Name	<b>Amati Eliana</b>
Address	Via F. Ferrucci 5 - 37135 - Verona
Telephone	+39 328 7895957
E-mail	elianamati@gmail.com
Nationality	Italian
Date of birth	April, 9th, 1983

## Work Experience

### From June 2013- Present

#### **Post-doc at the Advanced Cellular Therapies Laboratory**

Hematology and Cellular Therapy Department (Dir. Prof. Francesco Rodeghiero)  
S. Bortolo Hospital - Vicenza

Name of employer	Azienda Ospedaliera Universitaria Integrata di Verona
Scientific Director	Prof. Mauro Krampera
Project Title	Bone marrow mesenchymal stem cells (MSC) for bone and corneal regeneration and immunotherapy of graft-versus-host disease (GvHD) following allogeneic hematopoietic stem cell transplantation
Project Coordinator	Dr. Giuseppe Astori
Main activities and responsibilities	R&D activity in the field of cellular therapies with MSC for improving the outcome of stem cell transplantation, with particular focus on MSC characterization from different sources

### May 2013

#### **Occasional professional service at the Advanced Cellular Therapies Laboratory**

Hematology and Cellular Therapy Department - S. Bortolo Hospital

Name of employer	S. Bortolo Hospital - Vicenza
Project Coordinator	Dr. Giuseppe Astori
Main activities and responsibilities	Setting up of a flow cytometric assay for MSC characterization upon culture

### February 2012 - January 2013

**Research Assistant at the Medicine Department of Verona University**  
Section of Hematology (Dir. Prof. Giovanni Pizzolo)

Name of employer	University of Verona
Main activities and responsibilities	Study of the role of stromal cell-mediated Notch signaling in CLL resistance to chemotherapy

## Education and Training

**March 2015**      **Visiting scientist at the R&D Unit of Cell Factory IRCCS Ca' Granda - Ospedale Maggiore Policlinico, Milano**

Head of the activity      Dr. Lorenza Lazzari

Main activities and responsibilities      The activities in the host laboratory focused on the study of molecular responses induced during the expansion and differentiation of mesenchymal stromal cells, through mRNA and DNA analysis and comparison between MSC from different sources

**From December 2014 - Present**      **1st year of Postgraduate Specialisation School in Clinical Biochemistry**

Name and type of organization providing education and training      University of Milano

Duration      5 years

**April, 24th, 2013**      **PhD in Stem Cell Biology and Clinical Application**

Tutor: Prof. Mauro Kramer

Name and type of organization providing education and training      University of Verona

Principal subjects/occupational skills covered      In vitro study of the mechanisms involved in the bone marrow mesenchymal stromal cell modulatory effect on B cell function

**July 2009**      **Professional qualification**

Name and type of organization providing education and training      Alma Mater Studiorum, University of Bologna

**December, 10th, 2008**      **Master degree in Biological Sciences**

Name and type of organization providing education and training      Alma Mater Studiorum, University of Bologna

Title of dissertation The hepatic stem cell niche in several animal and human models of liver injury  
Level in national classification 110/110 and commendation

**July, 20th, 2006 Bachelor of Science**

Name and type of organization Alma Mater Studiorum, University of Bologna  
providing education and  
training

Title of dissertation Alfa-1-antichymotrypsin: plasma levels and genetic structure in cognitive impairment and dementia

Level in national classification 108/110

**July 2002 High School Diploma**

Name and type of organization Liceo Scientifico Statale L.Pepe di Ostuni  
providing education and  
training

Level in national classification 84/100

### **Personal skills and competences**

Mother tongue **Italian**

Other language **English**

Level in international classification B1 according to CEFR

### **Social and organizational skills**

Great aptitude for team work and socialization, especially in multicultural environments and proneness to adapt to unknown situations  
Dynamic and strong-willed personality and ability to execute plans and be motivated for results

### **Technical competences**

- Very good knowledge of flow cytometry, both for diagnostic and particularly research purposes, magnetic and fluorescence-activated cell sorting
- Proficiency in long- and short- term cell cultures and biological assays (mesenchymal stem cells, PBMC, neutrophils and Ag-specific lymphocytes)
- Good knowledge of molecular biology techniques (DNA, RNA extraction, retrotranscription and quantitative RT-PCR)
- Drafting and verification of SOP, protocols and reports within a quality management system in compliance with GMP standards

### **Other information**

Scientific papers

1. Nwabo Kamdje AH, Bassi G, Pacelli L, Malpeli G, **Amati E**, Nichele I, Pizzolo G, Krampera M Role of stromal cell-mediated

Notch signaling in CLL resistance to chemotherapy. *Blood Cancer J.* 2012 May;2(5):e73. Epub 2012 May 25.

2. Perbellini O, Falisi E, Giaretta I, Boscaro E, Novella E, Facco M, Fortuna S, Finotto S, **Amati E**, Maniscalco F, Montaldi A, Alghisi A, Aprili F, Bonaldi L, Paolini R, Scupoli MT, Trentin L, Ambrosetti A, Semenzato G, Pizzolo G, Rodeghiero F, Visco C  
Clinical significance of LAIR1 (CD305) as assessed by flow cytometry in a prospective series of patients with chronic lymphocytic leukemia. *Haematologica.* 2014 May;99(5):881-7. doi: 10.3324/haematol.2013.096362. Epub 2014 Jan 10.

#### Books

Co-Author: Stem cells in liver disease and cancer. *Lorenzini S., Gitto S., Amati E., Grandini E., Martello Panno A., Bernardi M., Andreone P. Stem cells: Organogenesis and Cancer. Transworld Research network. ISBN: 978-81-7895-487-5. Chapter 11*

#### Abstracts

**Eliana Amati**, Giulio Bassi, Mariano Di Trapani, Francesco Liotta, Francesco Annunziato, Omar Perbellini, Mario Ricciardi, Giovanni Pizzolo, Maria Teresa Scupoli, Mauro Krampera

*In vitro study of the mechanisms involved in the bone marrow mesenchymal stromal cell modulatory effect on B cell function. ASH Annual Meeting Abstracts Blood, Volume 122:1053, Issue 21; published ahead of print December 6, 2013.*

**Eliana Amati**, Giulio Bassi, Mariano Di Trapani, Francesco Liotta, Francesco Annunziato, Omar Perbellini, Mario Ricciardi, Giovanni Pizzolo, Maria Teresa Scupoli, Mauro Krampera

*Modulatory effect on B cell functions of mesenchymal stromal cells. 20th Annual ISCT Meeting Cytotherapy Volume 16 Number 4S April Supplement 2014.*

E. Albiero, **E. Amati**, E. Baumeister, G. Astori, H. Einsele, G.U. Grigoleit, F. Rodeghiero

*Biological Characterization of cytomegalovirus pp65 and IE1-specific CD4+ and CD8+ T cells from healthy subjects unfolds their heterogeneous profiles. 41st Annual Meeting of the European Society for Blood and Marrow Transplantation*

**Eliana Amati**, Sabrina Sella, Martina Bernardi, Elena Albiero, Silvia Castegnaro, Katia Chierogato, Chiara Lievore, Cinzia Tagliaferri, Alberta Alghisi, Francesco Rodeghiero, Giuseppe Astori

*Mesenchymal stromal cells from umbilical cord blood: improving in vitro selection and characterization for clinical use. Annual ISCT Meeting Cytotherapy Volume 17, Issue 6, Supplement Page S42, June 2015*

Autorizzo il trattamento dei miei dati personali ai sensi del D.lgs. 196 del 30 giugno 2003

Verona, July, 13th, 2015