

European Curriculum Vitae format



Personal Information

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Nationality Italian

Date of birth July 9th, 1975

Work Experience

November 2011 - Present **Flow cytometry Lab Manager in the Hematology Unit of Azienda Ospedaliera Integrata di Verona - Dir. Prof. Giovanni Pizzolo**

Name and address of employer University of Verona

Type of business or sector Azienda Ospedaliera Universitaria Integrata di Verona

Occupation or position held Permanent employment

Main activities and responsibilities Diagnostic management and coordination of the laboratory technical staff within the Hematology Unit

From December 2008 **Laboratory technician in the cytometry lab - Section of Hematology - Dir. Prof. Giovanni Pizzolo**

Name and address of employer	University of Verona
Type of business or sector	Azienda Ospedaliera Universitaria Integrata di Verona
Occupation or position held	Permanent employment
Main activities and responsibilities	Immunophenotypic approach in the diagnostic work-up of Hematology patients
From 2007 to 2010	Coordinator in Regione Veneto of cytometry laboratories within a project funded by Regione Veneto aimed at studying B-cell chronic lymphocytic leukemia
Project coordinator	Prof. Giovanni Pizzolo
Main activities and responsibilities	Coordination activity of the reference centers for flow cytometry in Regione Veneto
From 2005 to 2010	National referee, in collaboration with the Institute of Hematology, University "La Sapienza" (Head Prof. R. Foà) for the flow cytometric assessment of minimal residual disease in the GIMEMA LAL 0904 protocol
Project coordinator	Prof. Robin Foà - GIMEMA - Institute of Hematology, University "La Sapienza" - Roma
Main activities and responsibilities	Analysis and validation of MRD data of patients enrolled in the GIMEMA LAL 0904 protocol
From March 2005 to December 2008	Research Assistant at the Department of Clinical and Experimental Medicine - University of Verona - Hematology Section (Dir. Prof. Giovanni Pizzolo)
Name and address of employer	University of Verona
Type of business or sector	University of Verona
Occupation or position held	Fixed-term employment
Main activities and responsibilities	Development of flow cytometry protocols for the evaluation of minimal residual disease in LAL

From 2004 to 2012 Hematological home care to hematology patients with the support of Verona's Hematology Unit and AILVerona Onlus

Name and address of employer AILVerona Onlus - President Daniel Lovato - Piazzale LA Scuro 12-37134 - Verona

Type of business or sector AIL (Associazione Italiana contro le Leucemie) Verona Onlus

Occupation or position held Fixed-term employment

Main activities and responsibilities Home clinical care of hematology patients

September 2002 Academic Visitor at the laboratory of Prof. D. Campana (St. Jude Children's Hospital, Memphis TN), for the immunophenotypic study of minimal residual disease in ALL

Project coordinator Prof. D. Campana (St. Jude Children Hospital, Memphis TN)

Main activities and responsibilities Development of flow cytometry protocols for the detection of minimal residual disease

Education and Training

October, 30th, 2008 Bachelor's degree in Biomedical Laboratory Technician

Name and type of organisation providing education and training School of Medicine - University of Verona

Principal subjects/occupational skills covered Analysis of B-cell transduction signaling in B-cell chronic lymphocytic leukemia by flow cytometry

Level in national or international classification 110/110 and commendation

November, 30th, 2004 Medical Residency in Hematology

Name and type of organisation providing School of Medicine - University of Verona

education and training

Principal subjects/occupational skills covered Immunophenotypic monitoring of MRD in adult B-ALL patients: a methodological approach

Level in national or international classification 50/50 and commendation

July, 10th, 2001 Professional qualification

24 novembre 2003 Member of the Order of Physicians and surgeons of Verona no. 7322

July, 10th, 2000 MD degree

Name and type of organisation providing education and training School of Medicine - University of Verona

Principal subjects/occupational skills covered The minimal residual disease in adult acute lymphoblastic leukemia (ALL): immunophenotypic study

Level in national or international classification 108/110

Personal skills and competences

Mother tongue **Italian**

Other language **English**

Reading skills good

Writing skills good

Verbal skills basic

Social skills and competences

Excellent interpersonal and teamwork skills, gained during:
- the medical residency in hematology together with the post-graduate training in the hematology lab of University of Verona;
- through the various collaborations with other national and international research groups

Organisational skills and competences	Excellent organization and administration skills, improved as Lab manager in the Hematology Unit, as well as coordinator of cytometry laboratories within a project funded by Regione Veneto for the study of B-cell chronic lymphocytic leukemia
Technical skills and competences	Depth knowledge of flow cytometry both for diagnostic and research purposes Excellent knowledge of the mainly operation systems and applicative programs Ability to design and implement database by using FileMaker Pro
Driving licence	B

Additional information

Scientific Papers

- 1 Zanotti R, Simioni L, Garcia-Montero AC, **Perbellini O**, Bonadonna P, Caruso B, Jara-Acevedo M, Bonifacio M, De Matteis G. Somatic D816V KIT mutation in a case of adult-onset familial mastocytosis. *J Allergy Clin Immunol*. 2013 Feb;131(2):605-7 (IF 11,003, Cit 0)
- 2 Cesano A, **Perbellini O**, Evensen E, Chu CC, Cioffi F, Ptacek J, Damle RN, Chignola R, Cordeiro J, Yan XJ, Hawtin RE, Nichele I, Ware JR, Cavallini C, Lovato O, Zanotti R, Rai KR, Chiorazzi N, Pizzolo G, Scupoli MT. Association between B-cell receptor responsiveness and disease progression in B-cell chronic lymphocytic leukemia: results from single cell network profiling studies. *Haematologica*. Epub 2012 Nov 9. (IF 6.424 , Cit 0)
- 3 Costantini C, Micheletti A, Calzetti F, **Perbellini O**, Tamassia N, Albanesi C, Vermi W, Cassatella MA. On the potential involvement of CD11d in co-stimulating the production of interferon- γ by natural killer cells upon interaction with neutrophils via intercellular adhesion molecule-3. *Haematologica*. 2011 Oct;96(10):1543-7. (IF 6.424 , Cit 1)
- 4 **Perbellini O**, Zamò A, Colarossi S, Zampieri F, Zoppi F, Bonadonna P, Schena D, Artuso A, Martinelli G, Chilosi M, Pizzolo G, Zanotti R. Primary role of multiparametric flow cytometry in the diagnostic work-up of indolent clonal mast cell disorders. *Cytometry B Clin Cytom*. 2011 Nov;80(6):362-8. doi:10.1002/cyto.b.20606. Epub 2011 Jun 8. (IF 2.525 , Cit 0)
- 5 Nwabo Kamdje AH, Mosna F, Bifari F, Lisi V, Bassi G, Malpeli G, Ricciardi M, **Perbellini O**, Scupoli MT, Pizzolo G, Krampera M. Notch-3 and Notch-4 signaling rescue from apoptosis human B-ALL cells in contact with human bone marrow-derived mesenchymal stromal cells. *Blood*. 2011 Jul 14;118(2):380-9. Epub 2011 May 20. (IF 9.898, Cit 8)
- 6 Raponi S, De Propriis MS, Intoppa S, Milani ML, Vitale A, Elia L, **Perbellini O**, Pizzolo G, Foá R, Guarini A. Flow cytometric study of potential target antigens (CD19, CD20, CD22, CD33) for antibody-based immunotherapy in acute lymphoblastic leukemia: analysis of 552 cases. *Leuk Lymphoma*. 2011 Jun;52(6):1098-107. Epub 2011 Feb 24. (IF 2.580, Cit 11)

7 Zanotti R, Bonadonna P, Bonifacio M, Artuso A, Schena D, Rossini M, **Perbellini O**, Colarossi S, Chilosi M, Pizzolo G. Isolated bone marrow mastocytosis: an underestimated subvariant of indolent systemic mastocytosis. *Haematologica*. 2011 Mar;96(3):482-4. Epub 2010 Dec 29. (IF 6.424 , Cit 9)

8 Costantini C, Calzetti F, **Perbellini O**, Micheletti A, Scarponi C, Lonardi S, Pelletier M, Schakel K, Pizzolo G, Facchetti F, Vermi W, Albanesi C, Cassatella MA. Human neutrophils interact with both 6-sulfo LacNAc+ DC and NK cells to amplify NK-derived IFN γ : role of CD18, ICAM-1, and ICAM-3. *Blood*. 2011 Feb 3;117(5):1677-86. Epub 2010 Nov 22. (IF 9.898, Cit 11)

9 Costantini C, Micheletti A, Calzetti F, **Perbellini O**, Pizzolo G, Cassatella MA. Neutrophil activation and survival are modulated by interaction with NK cells. *Int Immunol*. 2010 Oct;22(10):827-38. Epub 2010 Aug 25. (IF 3.301, Cit 15)

10 Zanotti R, Frattini F, Ghia P, Visco C, Zamò A, **Perbellini O**, Stella S, Facco M, Giaretta I, Chilosi M, Pizzolo G, Ambrosetti A. ZAP-70 expression is associated with increased risk of autoimmune cytopenias in CLL patients. *Am J Hematol*. 2010 Jul;85(7):494-8. (IF 3.576, Cit 7)

11 Bonadonna P, Zanotti R, Pagani M, Caruso B, **Perbellini O**, Colarossi S, Olivieri E, Dama A, Schiappoli M, Senna G, Antico A, Passalacqua G. How much specific is the association between hymenoptera venom allergy and mastocytosis? *Allergy*. 2009 Sep;64(9):1379-82. Epub 2009 Jul 21. (IF 6.380, Cit 17)

12 Costantini C, Calzetti F, **Perbellini O**, Cassatella MA. On the co-purification of 6-sulfo LacNAc(+) dendritic cells (slanDC) with NK cells enriched from human blood. *Immunobiology*. 2009;214(9-10):828-34. Epub 2009 Jul 8. (IF 3.586, Cit 6)

13 Dalla Pellegrina C, **Perbellini O**, Scupoli MT, Tomelleri C, Zanetti C, Zoccatelli G, Fusi M, Peruffo A, Rizzi C, Chignola R. Effects of wheat germ agglutinin on human gastrointestinal epithelium: insights from an experimental model of immune/epithelial cell interaction. *Toxicol Appl Pharmacol*. 2009 Jun 1;237(2):146-53. Epub 2009 Mar 28. (IF 3.359, Cit 23)

14 **Perbellini O**, Scupoli MT. Adult T-cell acute lymphoblastic leukemia: prognostic impact of myeloid-associated antigens. *Expert Rev Hematol*. 2009 Feb;2(1):27-9. (IF, Cit)

15 Bonadonna P, **Perbellini O**, Passalacqua G, Caruso B, Colarossi S, Dal Fior D, Castellani L, Bonetto C, Frattini F, Dama A, Martinelli G, Chilosi M, Senna G, Pizzolo G, Zanotti R. Clonal mast cell disorders in patients with systemic reactions to Hymenoptera stings and increased serum tryptase levels. *J Allergy Clin Immunol*. 2009 Mar;123(3):680-6. Epub 2009 Jan 9. (IF 9.165, Cit 89)

16 Scupoli MT, Donadelli M, Cioffi F, Rossi M, **Perbellini O**, Malpeli G, Corbioli S, Vinante F, Krampera M, Palmieri M, Scarpa A, Ariola C, Foà R, Pizzolo G. Bone marrow stromal cells and the upregulation of interleukin-8 production in human T-cell acute lymphoblastic leukemia through the CXCL12/CXCR4 axis and the NF-kappaB and JNK/AP-1 pathways. *Haematologica*. 2008 Apr;93(4):524-32. Epub 2008 Mar 5. (IF 5.978, Cit 25)

17 Tomelleri C, Milotti E, Dalla Pellegrina C, **Perbellini O**, Del Fabbro A, Scupoli MT, Chignola R. A quantitative study of growth variability of tumour cell clones in vitro. *Cell Prolif*. 2008 Feb;41(1):177-91. (IF 2.423, Cit 4)

18 Bonadonna P, Zanotti R, Caruso B, Castellani L, **Perbellini O**, Colarossi S, Chilosi M, Dama A, Schiappoli M, Pizzolo G, Senna G, Passalacqua G. Allergen specific immunotherapy is safe and effective in patients with systemic

mastocytosis and Hymenoptera allergy. *J Allergy Clin Immunol.* 2008 Jan;121(1):256-7. **(IF 9.773, Cit 18)**

19 Vitale A, Guarini A, Ariola C, Meloni G, **Perbellini O**, Pizzuti M, De Gregoris C, Mettievier V, Pastorini A, Pizzolo G, Vignetti M, Mandelli F, Foà R. Absence of prognostic impact of CD13 and/or CD33 antigen expression in adult acute lymphoblastic leukemia. Results of the GIMEMA ALL 0496 trial. *Haematologica.* 2007 Mar;92(3):342-8. **(IF5.516, Cit 28)**

20 Scupoli MT, **Perbellini O**, Krampera M, Vinante F, Cioffi F, Pizzolo G. Interleukin 7 requirement for survival of T-cell acute lymphoblastic leukemia and human thymocytes on bone marrow stroma. *Haematologica.* 2007 Feb;92(2):264-6. **(IF 5.516, Cit 20)**

21 Zanotti R, Ambrosetti A, Lestani M, Ghia P, Pattaro C, Remo A, Zanetti F, Stella S, **Perbellini O**, Prato G, Guida G, Caligaris-Cappio F, Menestrina F, Pizzolo G, Chilosi M. ZAP-70 expression, as detected by immunohistochemistry on bone marrow biopsies from early-phase CLL patients, is a strong adverse prognostic factor. *Leukemia.* 2007 Jan;21(1):102-9. Epub 2006 Nov 2. **(IF 6.924, Cit 33)**

22 Krampera M, **Perbellini O**, Vincenzi C, Zampieri F, Pasini A, Scupoli MT, Guarini A, De Propriis MS, Coustan-Smith E, Campana D, Foà R, Pizzolo G. Methodological approach to minimal residual disease detection by flow cytometry in adult B-lineage acute lymphoblastic leukemia. *Haematologica.* 2006 Aug;91(8):1109-12. **(IF 5.032, Cit 23)**

23 Krampera M, Vitale A, Vincenzi C, **Perbellini O**, Guarini A, Annino L, Todeschini G, Camera A, Fabbiano F, Fioritoni G, Nobile F, Szydlo R, Mandelli F, Foà R, Pizzolo G. Outcome prediction by immunophenotypic minimal residual disease detection in adult T-cell acute lymphoblastic leukaemia. *Br J Haematol.* 2003 Jan;120(1):74-9. **(IF 3.267, Cit 43)**

24 Krampera M, **Perbellini O**, Maggioni A, Scognamiglio F, Todeschini G, Pizzolo G. Flow-cytometric detection of minimal residual disease in adult acute lymphoblastic leukemia. *Haematologica.* 2001 Mar;86(3):322-3. **(IF 3.216, Cit 6)**

Authorization for personal data management according to D.lgs. 196 del 30 giugno 2003.

Verona (Italy), May 17, 2013

Omar Perbellini