

Curriculum Vitae



Massimiliano Bonifacio

General Informations

Birth date: 05/May/1978
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Biography

Academic role Assistant Professor at the Dpt. of Medicine, Section of Hematology of the University of Verona from December 2013.

Education and training Post doc in Hematology at the University of Verona from 2008 to 2013
Academic stage at Instituto de Mastocytosis de Castilla - La Mancha (ES), in April 2011
Postgraduated in Hematology at the University of Verona in December 2007 (cum laude).
Certified Medical License in January 2004 (Ordine Medici Chirurghi della Provincia di Verona VR7353)
Graduated as MD at the University of Verona in October 2003 (cum laude).

Clinical experience from June 2008 clinical work at the Hematology Ambulatory – UOC Ematologia – Azienda Ospedaliera Universitaria Integrata di Verona, with particular interest in the management of Myeloproliferative Neoplasms:

- responsible clinician for the Chronic Myeloid Leukemia Outpatient Clinic
- co-responsible clinician for the Multidisciplinary Clinic for Mastocytosis (Ambulatorio Integrato per la Mastocitosi, GISM Verona)

Scientific interests

Fields of interest

- Chronic Myeloid Leukemia**
- Acute Lymphoblastic Leukemia**
- Ph-negative Myeloproliferative Neoplasms**
- Mastocytosis**
- Immunotherapy**

Experience in ICH-GCP clinical trials

- from December 2005 coinvestigator in protocols of the Italian cooperative group GIMEMA (Acute Leukemia and Chronic Myeloid Leukemia Working Parties).
- from 01 October 2014 Principal Investigator of the following national and international clinical trials: GIMEMA LAL1104, LAL1308, LAL1408, LAL1811, LAL1913, CML0713, CML0811, CML0912, CML1012, CML1113, CML1315, MT103-203, MT103-211, AMG20120216, AMG00103311, CINC424A2401, CAMN107AIC05.
- Coordinator of the Triveneto Group for Chronic Myeloid Leukemia and Principal Investigator of the CML Triveneto Registry.

Other Member of Società Italiana di Ematologia (SIE) from 2007 and Società Italiana di Ematologia Sperimentale (SIES) from 2015.

Disclosure of funding

I declare research funding from Novartis; consultancy fees from Ariad, Bristol Myers Squibb, Pfizer and Amgen.

List of publications

- Tiribelli M, Binotto G, Bonifacio M. The significance of early warning in chronic myeloid leukemia. *Expert Rev Hematol* 2017 Jun 15 [e-pub ahead of print].
- Gugliotta G, Castagnetti F, Breccia M, Albano F, Iurlo A, Intermesoli T, Abruzzese E, Levato L, D'Adda M, Pregno P, Cavazzini F, Stagno F, Martino B, La Barba G, Sorà F, Tiribelli M, Bigazzi C, Binotto G, Bonifacio M, Caracciolo C, Soverini S, Foà R, Cavo M, Martinelli G, Pane F, Saglio G, Baccarani M, and Rosti G. Incidence of secondary primary malignancies and related mortality in imatinib-treated chronic myeloid leukemia patients. *Haematologica* 2017 Jun 1 [e-pub ahead of print].
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- Castagnetti F, Gugliotta G, Breccia M, Iurlo A, Levato L, Albano F, Vigneri P, Abruzzese E, Rossi G, Rupoli S, Cavazzini F, Martino B, Orlandi E, Pregno P, Annunziata M, Usala E, Tiribelli M, Sica S, Bonifacio M, Fava C, Gherlinzoni F, Bocchia M, Soverini S, Bochicchio MT, Cavo M, Giovanni M, Saglio G, Pane F, Baccarani M, and Rosti G. The BCR-ABL1 transcript type influences response and outcome in Philadelphia chromosome-positive chronic myeloid leukemia patients treated frontline with imatinib. *Am J Hematol* 2017 May 2 [e-pub ahead of print].
- Perricone M, Palandri F, Ottaviani E, Angelini M, Bagli L, Bellesia E, Donati M, Gemmati D, Zucchini P, Mancini S, Marchica V, Trubini S, De Matteis G, Di Giacomo S, Favarato M, Fioroni A, Bolzonella C, Maccari G, Navaglia F, Gatti D, Toffolatti L, Orlandi L, Laloux V, Manfrini M, Galieni P, Giannini B, Tieghi A, Barulli S, Serino ML, Maccaferri M, Scortechini AR, Giuliani N, Vallisa D, Bonifacio M, Accorsi P, Salbe C, Fazio V, Gusella M, Toffoletti E, Salvucci M, Svaldi M, Gherlinzoni F, Cassavia F, Orsini F, and Martinelli G. Assessment of the interlaboratory variability and robustness of JAK2V617F mutation assays: a study involving a consortium of 19 Italian laboratories. *Oncotarget* 2017;8(20):32608-32617.
- Bonadonna P, Bonifacio M, Zanotti R. Mast Cell Disorders in Drug Hypersensitivity. *Curr Pharm Des* 2016 Sep 28. [e-pub ahead of print]. [Review]
- Artuso A, Caimmi C, Tripi G, Viapiana O, Bonifacio M, Idolazzi L, Gavioli I, Gatti D, Zanotti R, and Rossini M. Longitudinal evaluation of bone mineral density and bone metabolism markers in patients with indolent systemic mastocytosis without osteoporosis. *Calcif Tissue Int* 2017;100(1):40-46.
- Latagliata R, Stagno F, Annunziata M, Abruzzese E, Iurlo A, Guarini A, Fava C, Gozzini A, Bonifacio M, Sorà F, Leonetti Crescenzi S, Bocchia M, Crugnola M, Castagnetti F, Capodanno I, Galimberti S, Feo C, Porrini R, Pregno P, Rizzo M, Antolino A, Mauro E, Sgherza N, Luciano L, Luciano L, Tiribelli M, Russo Rossi A, Trawinska M, Vigneri P, Breccia M, Rosti G, and Alimena G. Frontline dasatinib treatment in a "real-life" cohort of patients older than 65 years with chronic myeloid leukemia. *Neoplasia* 2016;18(9):536-540.
- Iurlo A, Nobili A, Latagliata R, Bucelli C, Castagnetti F, Breccia M, Abruzzese E, Cattaneo D, Fava C, Ferrero D, Gozzini A, Bonifacio M, Tiribelli M, Pregno P, Stagno F, Vigneri P, Annunziata M, Cavazzini F, Binotto G, Mansueto G, Russo S, Falzetti F, Montefusco E, Gugliotta G, Storti S, D'Addosio AM, Scaffidi L, Cortesi L, Cedrone M, Rossi AR, Avanzini P, Mauro E, Spadea A, Celesti F, Giglio G, Isidori A, Crugnola M, Calistri E, Sorà F, Rege-Cambrin G, Sica S, Luciano L, Galimberti S, Orlandi EM, Bocchia M, Tettamanti M, Alimena G, Saglio G, Rosti G, Mannucci PM, and Cortelezzi A. Imatinib and polypharmacy in very old patients with chronic myeloid leukemia: effects on response rate, toxicity and outcome. *Oncotarget* 2016;7(48):80083-80090.
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- Maino E, Bonifacio M, Scattolin AM, Bassan R. Immunotherapy approaches to treat adult acute lymphoblastic leukemia. *Expert Rev Hematol* 2016;9(6):563-577. [Review]
- Takam Kamga P, Bassi G, Cassaro A, Midolo M, Di Trapani M, Gatti A, Carusone R, Resci F, Perbellini O, Gottardi M, Bonifacio M, Nwabo Kamdje AH, Ambrosetti A, and Krampfer M. Notch signalling drives bone marrow stromal cell-mediated chemoresistance in acute myeloid leukemia. *Oncotarget* 2016;7(16):21713-21727.
- Bonadonna P, Bonifacio M, Lombardo C, and Zanotti R. Hymenoptera allergy and mast cell activation syndrome. *Curr Allergy Asthma Rep* 2016;16(1):5. [Review]
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Castagnetti F, Gugliotta G, Baccharani M, Breccia M, Specchia G, Levato L, Abruzzese E, Rossi G, Iurlo A, Martino B, Pregno P, Stagno F, Cuneo A, Bonifacio M, Gobbi M, Russo D, Gozzini A, Tiribelli M, de Vivo A, Alimena G, Cavo M, Martinelli G, Pane F, Saglio G, Rosti G; on behalf of the GIMEMA CML Working Party. Differences among young adults, adults, and elderly chronic myeloid leukemia patients. *Ann Oncol* 2015;26(1):185-192.

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Bonifacio M, Rigo A, Guardalben E, Bergamini C, Cavalieri E, Fato R, Pizzolo G, Suzuki H, and Vinante F. α -bisabolol is an effective proapoptotic agent against BCR-ABL(+) cells in synergism with Imatinib and Nilotinib. *PLoS One* 2012;7(10):e46674.

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Zanotti R, Bonadonna P, Bonifacio M, Artuso A, Schena D, Rossini M, Perbellini O, Colarossi S, Chilosi M, and Pizzolo G. Isolated bone marrow mastocytosis: an underestimated subvariant of indolent systemic mastocytosis. *Haematologica* 2011;96(3):482-484.

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Rigo A, Gottardi M, Zamò A, Mauri P, Bonifacio M, Krampera M, Damiani E, Pizzolo G, and Vinante F. Macrophages may promote cancer growth via a GM-CSF/HB-EGF paracrine loop that is enhanced by CXCL12. *Mol Cancer* 2010;9:273.

Tecchio C, Colato C, Bonifacio M, Krampera M, Maluta S, Pizzolo G, and Girolomoni G. Plasmacytoid dendritic cell leukemia: a rapidly evolving disease presenting with skin lesions sensitive to radiotherapy plus hyperthermia. *Oncologist* 2009;14:1205-1208.

Bonifacio M, Perbellini O, Pizzolo G. T-cell acute lymphoblastic leukemia and T-cell lymphoblastic lymphoma: therapy in adults. *Hematol Meeting Reports* 2009;3(1):115-122.

Author of more than 50 and first author of 15 abstracts presented at national and international congresses.

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