

Prof. Giuseppe Saglio MED/09

Nato a Torino il 17/5/1950

Laurea in Medicina, Specializzazione in Medicina Interna e in Ematologia.

Formazione all'estero:

1983 - University of California, San Francisco (Lab Prof. Y.W.Kan)

1985 - New York University, New York (Lab Prof. R. Dalla Favera)

1988 - Winstar Institute, Philadelphia (Lab. Prof. Carlo Croce-

Carriera Universitaria:

1981-1990 Ricercatore presso l'Università di Torino

1990 Professore 1a Fascia di Medicina Interna presso l'Università di Perugia e presso l'Università di Torino dal 1991

Coordinatore del Dottorato di Ricerca in Medicina Molecolare presso la Facoltà di Medicina II (ora Facoltà dell'Università A. Avogadro del Piemonte Orientale) nel quadriennio 1994-1998.

Direttore della Scuola di Specialità in Medicina Interna presso la II Facoltà di Medicina e Chirurgia (ora Facoltà di Medicina dell'Università A. Avogadro del Piemonte Orientale) nel biennio 1996-1998

Posizione attuale:

P.O di Medicina Interna presso la Facoltà di Med. dell'Università di Torino.

Direttore Div Medicina Interna ed Ematologia, Università di Torino, Polo Ospedale San Luigi

Presidente del Corso di Laurea in Medicina e Chirurgia del Polo San Luigi-Orbassano

Docente del Dottorato di Ricerca in Farmacologia e Terapia Sperimentale dal 1999 ad oggi.

Attività Scientifica:

Autore di oltre 300 articoli su riviste internazionali per un I.F. totale di oltre 1500 su argomenti di ematologia e oncoematologia molecolare.

Revisore per Blood, BrJ Haematol, Leukemia, BM Transplantation e per numerose società scientifiche e università.

Presidente della SIES, Società Italiana di Ematologia Sperimentale, nel biennio 97-98 e past-president nel biennio successivo.

Membro della Commissione di Biologia e Diagnostica Molecolare del Gruppo GIMEMA e dell'European Investigators on CML.

Membro dell'EuroLeukemiaNet per il settore diagnostica molecolare e leucemia mieloide cronica.

Membro del Comitato Internazionale per la Standardizzazione dei Metodi di Diagnostica Molecolare in Ematologia.

Publicazioni ultimi 5 anni

1: Palandri F, Castagnetti F, Testoni N, Luatti S, Marzocchi G, Bassi S, Breccia M, Alimena G, Pungolino E, Rege-Cambrin G, Varaldo R, Miglino M, Specchia G, Zuffa E, Ferrara F, Bocchia M, Saglio G, Pane F, Alberti D, Martinelli G, Baccarani M, Rosti G; on behalf of the GIMEMA Working Party on chronic myeloid leukemia.

Chronic myeloid leukemia in blast crisis treated with imatinib 600 mg: outcome of the patients alive after a 6-year follow-up.

Haematologica. 2008 Oct 6. [Epub ahead of print]

PMID: 18838477 [PubMed - as supplied by publisher]

2: Iacobucci I, Lonetti A, Cilloni D, Messa F, Ferrari A, Zuntini R, Ferrari S,

Ottaviani E, Arruga F, Paolini S, Papayannidis C, Piccaluga PP, Soverini S, Saglio G, Pane F, Baruzzi A, Vignetti M, Berton G, Vitale A, Chiaretti S, Müschen M, Foà R, Baccarani M, Martinelli G.

Identification of different Ikaros cDNA transcripts in Philadelphia-positive adult acute lymphoblastic leukemia by a high-throughput capillary electrophoresis sizing method.

Haematologica. 2008 Oct 6. [Epub ahead of print]

PMID: 18838475 [PubMed - as supplied by publisher]

3: Messa E, Cilloni D, Messa F, Arruga F, Roetto A, Saglio G.

Deferasirox Treatment Improved the Hemoglobin Level and Decreased Transfusion Requirements in Four Patients with the Myelodysplastic Syndrome and Primary Myelofibrosis.

Acta Haematol. 2008 Oct 1;120(2):70-74. [Epub ahead of print]

PMID: 18827475 [PubMed - as supplied by publisher]

4: Nicoli P, Defilippi I, Carturan S, Roetto A, Messa F, Arruga F, Messa E, Rotolo A, Iacobucci I, Bracco E, Saglio G, Cilloni D.

Detection of humoral immune responses against WT1 antigen in patients affected by different hematological malignancies.

Acta Haematol. 2008;120(1):47-50. Epub 2008 Sep 30. No abstract available.

PMID: 18824841 [PubMed - in process]

5: Candoni A, Tiribelli M, Toffoletti E, Cilloni D, Chiarvesio A, Michelutti A, Simeone E, Pipan C, Saglio G, Fanin R.

QUANTITATIVE ASSESSMENT OF WT1 GENE EXPRESSION AFTER ALLOGENEIC STEM CELL TRANSPLANTATION IS A USEFUL TOOL FOR MONITORING MINIMAL RESIDUAL DISEASE IN ACUTE MYELOID LEUKEMIA.

Eur J Haematol. 2008 Sep 17. [Epub ahead of print]

PMID: 18801058 [PubMed - as supplied by publisher]

6: Branford S, Fletcher L, Cross NC, Müller MC, Hochhaus A, Kim DW, Radich JP, Saglio G, Pane F, Kamel-Reid S, Wang YL, Press RD, Lynch K, Rudzki Z, Goldman JM, Hughes T.

Desirable performance characteristics for BCR-ABL measurement on an international reporting scale to allow consistent interpretation of individual patient response and comparison of response rates between clinical trials.

Blood. 2008 Oct 15;112(8):3330-8. Epub 2008 Aug 6.

PMID: 18684859 [PubMed - indexed for MEDLINE]

7: Iacobucci I, Lonetti A, Messa F, Cilloni D, Arruga F, Ottaviani E, Paolini S, Papayannidis C, Piccaluga PP, Giannoulia P, Soverini S, Amabile M, Poerio A, Saglio G, Pane F, Berton G, Baruzzi A, Vitale A, Chiaretti S, Perini G, Foà R, Baccarani M, Martinelli G.

Expression of spliced oncogenic Ikaros isoforms in Philadelphia-positive acute lymphoblastic leukemia patients treated with tyrosine kinase inhibitors: implications for a new mechanism of resistance.

Blood. 2008 Nov 1;112(9):3847-55. Epub 2008 Jul 23.

PMID: 18650450 [PubMed - in process]

- 8: Nicoli P, Bosa M, Rotolo A, Cilloni D, Saglio G.
Herpetic leg paralysis and abdominal ileus in a patient with idiopathic myelofibrosis.
Intern Emerg Med. 2008 Jul 16. [Epub ahead of print] No abstract available.
PMID: 18629653 [PubMed - as supplied by publisher]
- 9: Capobianco M, Malucchi S, Ulisciani S, Fava C, Cambrin GR, Avonto L, Saglio G, Bertolotto A.
Acute myeloid leukemia induced by mitoxantrone treatment for aggressive multiple sclerosis.
Neurol Sci. 2008 Jun;29(3):185-7. Epub 2008 Jul 9.
PMID: 18612769 [PubMed - indexed for MEDLINE]
- 10: Lo-Coco F, Cuneo A, Pane F, Cilloni D, Diverio D, Mancini M, Testoni N, Bardi A, Izzo B, Bolli N, La Starza R, Fazi P, Iacobelli S, Piciocchi A, Vignetti M, Amadori S, Mandelli F, Pelicci PG, Mecucci C, Falini B, Saglio G; Acute Leukemia Working Party of the GIMEMA group.
Prognostic impact of genetic characterization in the GIMEMA LAM99P multicenter study for newly diagnosed acute myeloid leukemia.
Haematologica. 2008 Jul;93(7):1017-24. Epub 2008 May 27.
PMID: 18508799 [PubMed - indexed for MEDLINE]
- 11: Ito K, Bernardi R, Morotti A, Matsuoka S, Saglio G, Ikeda Y, Rosenblatt J, Avigan DE, Teruya-Feldstein J, Pandolfi PP.
PML targeting eradicates quiescent leukaemia-initiating cells.
Nature. 2008 Jun 19;453(7198):1072-8. Epub 2008 May 11.
PMID: 18469801 [PubMed - indexed for MEDLINE]
- 12: Cilloni D, Messa F, Arruga F, Defilippi I, Gottardi E, Fava M, Carturan S, Catalano R, Bracco E, Messa E, Nicoli P, Diverio D, Sanz MA, Martinelli G, Lo-Coco F, Saglio G.
Early prediction of treatment outcome in acute myeloid leukemia by measurement of WT1 transcript levels in peripheral blood samples collected after chemotherapy.
Haematologica. 2008 Jun;93(6):921-4. Epub 2008 Apr 28.
PMID: 18443273 [PubMed - indexed for MEDLINE]
- 13: Cilloni D, Messa F, Rosso V, Arruga F, Defilippi I, Carturan S, Catalano R, Pautasso M, Panuzzo C, Nicoli P, Messa E, Morotti A, Iacobucci I, Martinelli G, Bracco E, Saglio G.
Increase sensitivity to chemotherapeutical agents and cytoplasmatic interaction between NPM leukemic mutant and NF-kappaB in AML carrying NPM1 mutations.
Leukemia. 2008 Jun;22(6):1234-40. Epub 2008 Apr 10.
PMID: 18401421 [PubMed - indexed for MEDLINE]
- 14: Saglio G, Ulisciani S, Bosa M, Cilloni D, Rege-Cambrin G.
New therapeutic approaches and prognostic factors in chronic myeloid leukemia.
Leuk Lymphoma. 2008 Apr;49(4):625-8. Review.
PMID: 18398722 [PubMed - indexed for MEDLINE]
- 15: Palandri F, Iacobucci I, Castagnetti F, Testoni N, Poerio A, Amabile M,

Breccia M, Intermesoli T, Iuliano F, Rege-Cambrin G, Tiribelli M, Miglino M, Pane F, Saglio G, Martinelli G, Rosti G, Baccarani M; GIMEMA Working Party on CML. Front-line treatment of Philadelphia positive chronic myeloid leukemia with imatinib and interferon-alpha: 5-year outcome. *Haematologica*. 2008 May;93(5):770-4. Epub 2008 Mar 26. PMID: 18367490 [PubMed - indexed for MEDLINE]

16: Falini B, Mecucci C, Saglio G, Lo Coco F, Diverio D, Brown P, Pane F, Mancini M, Martelli MP, Pileri S, Haferlach T, Haferlach C, Schnittger S. NPM1 mutations and cytoplasmic nucleophosmin are mutually exclusive of recurrent genetic abnormalities: a comparative analysis of 2562 patients with acute myeloid leukemia. *Haematologica*. 2008 Mar;93(3):439-42. Epub 2008 Feb 11. PMID: 18268276 [PubMed - indexed for MEDLINE]

17: Larson RA, Druker BJ, Guilhot F, O'Brien SG, Riviere GJ, Krahnke T, Gathmann I, Wang Y; IRIS (International Randomized Interferon vs STI571) Study Group. Imatinib pharmacokinetics and its correlation with response and safety in chronic-phase chronic myeloid leukemia: a subanalysis of the IRIS study. *Blood*. 2008 Apr 15;111(8):4022-8. Epub 2008 Feb 6. PMID: 18256322 [PubMed - indexed for MEDLINE]

18: Baccarani M, Pane F, Saglio G. Monitoring treatment of chronic myeloid leukemia. *Haematologica*. 2008 Feb;93(2):161-9. Review. No abstract available. PMID: 18245647 [PubMed - indexed for MEDLINE]

19: Ladetto M, De Marco F, Benedetti F, Vitolo U, Patti C, Rambaldi A, Pulsoni A, Musso M, Liberati AM, Olivieri A, Gallamini A, Pogliani E, Scalabrini DR, Callea V, Di Raimondo F, Pavone V, Tucci A, Cortelazzo S, Levis A, Boccadoro M, Majolino I, Pileri A, Gianni AM, Passera R, Corradini P, Tarella C; Gruppo Italiano Trapianto di Midollo Osseo (GITMO); Intergruppo Italiano Linfomi (IIL). Prospective, multicenter randomized GITMO/IIL trial comparing intensive (R-HDS) versus conventional (CHOP-R) chemoimmunotherapy in high-risk follicular lymphoma at diagnosis: the superior disease control of R-HDS does not translate into an overall survival advantage. *Blood*. 2008 Apr 15;111(8):4004-13. Epub 2008 Jan 31. PMID: 18239086 [PubMed - indexed for MEDLINE]

20: Palandri F, Iacobucci I, Martinelli G, Amabile M, Poerio A, Testoni N, Soverini S, Castagnetti F, De Vivo A, Breccia M, Specchia G, Abruzzese E, Martino B, Cilloni D, Saglio G, Pane F, Liberati AM, Rosti G, Baccarani M; GIMEMA Working Party on CML. Long-term outcome of complete cytogenetic responders after imatinib 400 mg in late chronic phase, philadelphia-positive chronic myeloid leukemia: the GIMEMA Working Party on CML. *J Clin Oncol*. 2008 Jan 1;26(1):106-11. PMID: 18165644 [PubMed - indexed for MEDLINE]

21: Piccaluga PP, Malagola M, Rondoni M, Arpinati M, Paolini S, Candoni A, Fanin R, Messa E, Pirrotta MT, Lauria F, Visani G, Alberti D, Rancati F, Vinaccia V,

Russo D, Saglio G, Baccarani M, Martinelli G.

Imatinib mesylate in the treatment of newly diagnosed or refractory/resistant c-KIT positive acute myeloid leukemia. Results of an Italian Multicentric Phase II Study.

Haematologica. 2007 Dec;92(12):1721-2.

PMID: 18056005 [PubMed - indexed for MEDLINE]

22: le Coutre P, Ottmann OG, Giles F, Kim DW, Cortes J, Gattermann N, Apperley JF, Larson RA, Abruzzese E, O'Brien SG, Kuliczowski K, Hochhaus A, Mahon FX, Saglio G, Gobbi M, Kwong YL, Baccarani M, Hughes T, Martinelli G, Radich JP, Zheng M, Shou Y, Kantarjian H.

Nilotinib (formerly AMN107), a highly selective BCR-ABL tyrosine kinase inhibitor, is active in patients with imatinib-resistant or -intolerant accelerated-phase chronic myelogenous leukemia.

Blood. 2008 Feb 15;111(4):1834-9. Epub 2007 Nov 29.

PMID: 18048643 [PubMed - indexed for MEDLINE]

23: Porter J, Galanello R, Saglio G, Neufeld EJ, Vichinsky E, Cappellini MD, Olivieri N, Piga A, Cunningham MJ, Soulières D, Gattermann N, Tchernia G, Maertens J, Giardina P, Kwiatkowski J, Quarta G, Jeng M, Forni GL, Stadler M, Cario H, Debusscher L, Della Porta M, Cazzola M, Greenberg P, Alimena G, Rabault B, Gathmann I, Ford JM, Alberti D, Rose C.

Relative response of patients with myelodysplastic syndromes and other transfusion-dependent anaemias to deferasirox (ICL670): a 1-yr prospective study.

Eur J Haematol. 2008 Feb;80(2):168-76. Epub 2007 Nov 17.

PMID: 18028431 [PubMed - indexed for MEDLINE]

24: Müller MC, Erben P, Saglio G, Gottardi E, Nyvold CG, Schenk T, Ernst T, Lauber S, Kruth J, Hehlmann R, Hochhaus A; European LeukemiaNet.

Harmonization of BCR-ABL mRNA quantification using a uniform multifunctional control plasmid in 37 international laboratories.

Leukemia. 2008 Jan;22(1):96-102. Epub 2007 Oct 18.

PMID: 17943168 [PubMed - indexed for MEDLINE]

25: Baccarani M, Cilloni D, Rondoni M, Ottaviani E, Messa F, Merante S, Tiribelli M, Buccisano F, Testoni N, Gottardi E, de Vivo A, Giugliano E, Iacobucci I, Paolini S, Soverini S, Rosti G, Rancati F, Astolfi C, Pane F, Saglio G, Martinelli G.

The efficacy of imatinib mesylate in patients with FIP1L1-PDGFRalpha-positive hypereosinophilic syndrome. Results of a multicenter prospective study.

Haematologica. 2007 Sep;92(9):1173-9. Epub 2007 Aug 1.

PMID: 17666373 [PubMed - indexed for MEDLINE]

26: Cilloni D, Martinelli G, Messa F, Baccarani M, Saglio G.

Nuclear factor kB as a target for new drug development in myeloid malignancies.

Haematologica. 2007 Sep;92(9):1224-9. Epub 2007 Aug 1. Review.

PMID: 17666366 [PubMed - indexed for MEDLINE]

27: Messa E, Cilloni D, Saglio G.

A young man with persistent eosinophilia.

Intern Emerg Med. 2007 Jun;2(2):107-12. No abstract available.

PMID: 17622494 [PubMed - indexed for MEDLINE]

28: Müller MC, Saglio G, Lin F, Pfeifer H, Press RD, Tubbs RR, Paschka P, Gottardi E, O'Brien SG, Ottmann OG, Stockinger H, Wiecek L, Merx K, König H, Schwindel U, Hehlmann R, Hochhaus A.

An international study to standardize the detection and quantitation of BCR-ABL transcripts from stabilized peripheral blood preparations by quantitative RT-PCR. *Haematologica*. 2007 Jul;92(7):970-3.

PMID: 17606448 [PubMed - indexed for MEDLINE]

29: Volpe G, Cignetti A, Panuzzo C, Kuka M, Vitaggio K, Brancaccio M, Perrone G, Rinaldi M, Prato G, Fava M, Geuna M, Pautasso M, Casnici C, Signori E, Tonon G, Tarone G, Marelli O, Fazio VM, Saglio G.

Alternative BCR/ABL splice variants in Philadelphia chromosome-positive leukemias result in novel tumor-specific fusion proteins that may represent potential targets for immunotherapy approaches.

Cancer Res. 2007 Jun 1;67(11):5300-7.

PMID: 17545610 [PubMed - indexed for MEDLINE]

30: Morotti A, Cilloni D, Parvis G, Guerrasio A, Saglio G.

Thalidomide-induced partial stable remission in a case of refractory progressive B Cell Chronic Lymphoid Leukemia.

Leuk Res. 2008 Mar;32(3):506-7. Epub 2007 Jun 4. No abstract available.

PMID: 17544506 [PubMed - indexed for MEDLINE]

31: Cilloni D, Messa F, Martinelli G, Gottardi E, Arruga F, Defilippi I, Carturan S, Messa E, Fava M, Giugliano E, Rosso V, Catalano R, Merante S, Nicoli P, Rondoni M, Ottaviani E, Soverini S, Tiribelli M, Pane F, Baccarani M, Saglio G.

WT1 transcript amount discriminates secondary or reactive eosinophilia from idiopathic hypereosinophilic syndrome or chronic eosinophilic leukemia.

Leukemia. 2007 Jul;21(7):1442-50. Epub 2007 May 17.

PMID: 17508006 [PubMed - indexed for MEDLINE]

32: Saldanha J, Silvy M, Beaufils N, Arlinghaus R, Barbany G, Branford S, Cayuela JM, Cazzaniga G, Gonzalez M, Grimwade D, Kairisto V, Miyamura K, Lawler M, Lion T, Macintyre E, Mahon FX, Muller MC, Ostergaard M, Pfeifer H, Saglio G, Sawyers C, Spinelli O, van der Velden VH, Wang JQ, Zoi K, Patel V, Phillips P, Matejtschuk P, Gabert J.

Characterization of a reference material for BCR-ABL (M-BCR) mRNA quantitation by real-time amplification assays: towards new standards for gene expression measurements.

Leukemia. 2007 Jul;21(7):1481-7. Epub 2007 May 3.

PMID: 17476280 [PubMed - indexed for MEDLINE]

33: Morotti A, Parvis G, Cilloni D, Familiari U, Pautasso M, Bosa M, Messa F, Arruga F, Defilippi I, Catalano R, Rosso V, Carturan S, Bracco E, Guerrasio A, Saglio G.

CD7/CD56-positive acute myeloid leukemias are characterized by constitutive phosphorylation of the NF- κ B subunit p65 at Ser536.

Leukemia. 2007 Jun;21(6):1305-6. Epub 2007 Mar 22. No abstract available.

PMID: 17377595 [PubMed - indexed for MEDLINE]

34: Soverini S, Colarossi S, Gnani A, Castagnetti F, Rosti G, Bosi C, Paolini S, Rondoni M, Piccaluga PP, Palandri F, Giannoulia P, Marzocchi G, Luatti S, Testoni N, Iacobucci I, Cilloni D, Saglio G, Baccarani M, Martinelli G.

Resistance to dasatinib in Philadelphia-positive leukemia patients and the presence or the selection of mutations at residues 315 and 317 in the BCR-ABL kinase domain.

Haematologica. 2007 Mar;92(3):401-4.

PMID: 17339191 [PubMed - indexed for MEDLINE]

35: Jovanovic JV, Score J, Waghorn K, Cilloni D, Gottardi E, Metzgeroth G, Erben P, Popp H, Walz C, Hochhaus A, Roche-Lestienne C, Preudhomme C, Solomon E, Apperley J, Rondoni M, Ottaviani E, Martinelli G, Brito-Babapulle F, Saglio G, Hehlmann R, Cross NC, Reiter A, Grimwade D.

Low-dose imatinib mesylate leads to rapid induction of major molecular responses and achievement of complete molecular remission in FIP1L1-PDGFR α -positive chronic eosinophilic leukemia.

Blood. 2007 Jun 1;109(11):4635-40. Epub 2007 Feb 13.

PMID: 17299092 [PubMed - indexed for MEDLINE]

36: Guglielmelli T, Giugliano E, Cappia S, Papotti M, Saglio G.

Frequency and distribution of trisomy 11 in multiple myeloma patients: relation with overexpression of CCND1 and t(11;14).

Cancer Genet Cytogenet. 2007 Feb;173(1):51-6.

PMID: 17284370 [PubMed - indexed for MEDLINE]

37: Cilloni D, Messa E, Messa F, Carturan S, Defilippi I, Arruga F, Rosso V, Catalano R, Bracco E, Nicoli P, Saglio G.

Genetic abnormalities as targets for molecular therapies in myelodysplastic syndromes.

Ann N Y Acad Sci. 2006 Nov;1089:411-23. Review.

PMID: 17261784 [PubMed - indexed for MEDLINE]

38: Rosti G, Iacobucci I, Bassi S, Castagnetti F, Amabile M, Cilloni D, Poerio A, Soverini S, Palandri F, Rege Cambrin G, Iuliano F, Alimena G, Latagliata R, Testoni N, Pane F, Saglio G, Baccarani M, Martinelli G.

Impact of age on the outcome of patients with chronic myeloid leukemia in late chronic phase: results of a phase II study of the GIMEMA CML Working Party.

Haematologica. 2007 Jan;92(1):101-5.

PMID: 17229641 [PubMed - indexed for MEDLINE]

39: Soverini S, Colarossi S, Gnani A, Rosti G, Castagnetti F, Poerio A, Iacobucci I, Amabile M, Abruzzese E, Orlandi E, Radaelli F, Ciccone F, Tiribelli M, di Lorenzo R, Caracciolo C, Izzo B, Pane F, Saglio G, Baccarani M, Martinelli G; GIMEMA Working Party on Chronic Myeloid Leukemia.

Contribution of ABL kinase domain mutations to imatinib resistance in different subsets of Philadelphia-positive patients: by the GIMEMA Working Party on Chronic Myeloid Leukemia.

Clin Cancer Res. 2006 Dec 15;12(24):7374-9.

PMID: 17189410 [PubMed - indexed for MEDLINE]

40: Cortes J, Rousselot P, Kim DW, Ritchie E, Hamerschlak N, Coutre S, Hochhaus A, Guilhot F, Saglio G, Apperley J, Ottmann O, Shah N, Erben P, Branford S, Agarwal P, Gollerkeri A, Baccarani M.

Dasatinib induces complete hematologic and cytogenetic responses in patients with imatinib-resistant or -intolerant chronic myeloid leukemia in blast crisis.

Blood. 2007 Apr 15;109(8):3207-13. Epub 2006 Dec 21.

PMID: 17185463 [PubMed - indexed for MEDLINE]

41: Druker BJ, Guilhot F, O'Brien SG, Gathmann I, Kantarjian H, Gattermann N, Deininger MW, Silver RT, Goldman JM, Stone RM, Cervantes F, Hochhaus A, Powell BL, Gabrilove JL, Rousselot P, Reiffers J, Cornelissen JJ, Hughes T, Agis H, Fischer T, Verhoef G, Shepherd J, Saglio G, Gratwohl A, Nielsen JL, Radich JP, Simonsson B, Taylor K, Baccarani M, So C, Letvak L, Larson RA; IRIS Investigators.

Five-year follow-up of patients receiving imatinib for chronic myeloid leukemia. N Engl J Med. 2006 Dec 7;355(23):2408-17.

PMID: 17151364 [PubMed - indexed for MEDLINE]

42: Soverini S, Martinelli G, Colarossi S, Gnani A, Castagnetti F, Rosti G, Bosi C, Paolini S, Rondoni M, Piccaluga PP, Palandri F, Giannoulia P, Marzocchi G, Luatti S, Testoni N, Iacobucci I, Cilloni D, Saglio G, Baccarani M.

Presence or the emergence of a F317L BCR-ABL mutation may be associated with resistance to dasatinib in Philadelphia chromosome-positive leukemia.

J Clin Oncol. 2006 Nov 20;24(33):e51-2. No abstract available.

PMID: 17114651 [PubMed - indexed for MEDLINE]

43: Branford S, Cross NC, Hochhaus A, Radich J, Saglio G, Kaeda J, Goldman J, Hughes T.

Rationale for the recommendations for harmonizing current methodology for detecting BCR-ABL transcripts in patients with chronic myeloid leukaemia.

Leukemia. 2006 Nov;20(11):1925-30. Epub 2006 Sep 14. Review.

PMID: 16990771 [PubMed - indexed for MEDLINE]

44: Martinelli G, Iacobucci I, Soverini S, Cilloni D, Saglio G, Pane F, Baccarani M.

Monitoring minimal residual disease and controlling drug resistance in chronic myeloid leukaemia patients in treatment with imatinib as a guide to clinical management.

Hematol Oncol. 2006 Dec;24(4):196-204. Review.

PMID: 16988930 [PubMed - indexed for MEDLINE]

45: Morotti A, Cilloni D, Pautasso M, Messa F, Arruga F, Defilippi I, Carturan S, Catalano R, Rosso V, Chiarenza A, Taulli R, Bracco E, Rege-Cambrin G, Gottardi E, Saglio G.

NF-kB inhibition as a strategy to enhance etoposide-induced apoptosis in K562 cell line.

Am J Hematol. 2006 Dec;81(12):938-45.

PMID: 16960866 [PubMed - indexed for MEDLINE]

46: Donti E, Zaccaria A, Bassetti A, Venti G, Giannini B, Prontera P, Bianchi E, Valenti A, Saglio G, Liberati AM.

Occurrence of the same chromosome abnormalities in Ph+ and Ph- cells in chronic myeloid leukaemia. Evidence of a secondary origin of the Ph chromosome?
Br J Haematol. 2006 Oct;135(2):265-6. Epub 2006 Sep 4. No abstract available.
PMID: 16956349 [PubMed - indexed for MEDLINE]

47: Rossi D, Deambrogi C, Capello D, Cerri M, Lunghi M, Parvis G, Saglio G, Gaidano G, Cilloni D.
JAK2 V617F mutation in leukaemic transformation of philadelphia-negative chronic myeloproliferative disorders.
Br J Haematol. 2006 Oct;135(2):267-8. Epub 2006 Sep 4. No abstract available.
PMID: 16956348 [PubMed - indexed for MEDLINE]

48: Guglielmelli T, Capella S, Saglio G.
Very low doses of thalidomide as single agent in relapsed/refractory multiple myeloma.
Acta Haematol. 2006;116(1):70-1. No abstract available.
PMID: 16809894 [PubMed - indexed for MEDLINE]

49: Falini B, Martelli MP, Bolli N, Bonasso R, Ghia E, Pallotta MT, Diverio D, Nicoletti I, Pacini R, Tabarrini A, Galletti BV, Mannucci R, Roti G, Rosati R, Specchia G, Liso A, Tiacci E, Alcalay M, Luzi L, Volorio S, Bernard L, Guarini A, Amadori S, Mandelli F, Pane F, Lo-Coco F, Saglio G, Pelicci PG, Martelli MF, Mecucci C.
Immunohistochemistry predicts nucleophosmin (NPM) mutations in acute myeloid leukemia.
Blood. 2006 Sep 15;108(6):1999-2005. Epub 2006 May 23.
PMID: 16720834 [PubMed - indexed for MEDLINE]

50: Baccharani M, Saglio G, Goldman J, Hochhaus A, Simonsson B, Appelbaum F, Apperley J, Cervantes F, Cortes J, Deininger M, Gratwohl A, Guilhot F, Horowitz M, Hughes T, Kantarjian H, Larson R, Niederwieser D, Silver R, Hehlmann R; European LeukemiaNet.
Evolving concepts in the management of chronic myeloid leukemia: recommendations from an expert panel on behalf of the European LeukemiaNet.
Blood. 2006 Sep 15;108(6):1809-20. Epub 2006 May 18. Review.
PMID: 16709930 [PubMed - indexed for MEDLINE]

51: Iacobucci I, Saglio G, Rosti G, Testoni N, Pane F, Amabile M, Poerio A, Soverini S, Bassi S, Cilloni D, Bassan R, Breccia M, Lauria F, Izzo B, Merante S, Frassoni F, Paolini S, Montefusco E, Baccharani M, Martinelli G; GIMEMA Working Party on Chronic Myeloid Leukemia.
Achieving a major molecular response at the time of a complete cytogenetic response (CCgR) predicts a better duration of CCgR in imatinib-treated chronic myeloid leukemia patients.
Clin Cancer Res. 2006 May 15;12(10):3037-42.
PMID: 16707599 [PubMed - indexed for MEDLINE]

52: Timeus F, Crescenzo N, Ricotti E, Doria A, Bertin D, Saglio G, Tovo PA.
The effects of saquinavir on imatinib-resistant chronic myelogenous leukemia cell lines.
Haematologica. 2006 May;91(5):711-2.

PMID: 16670078 [PubMed - indexed for MEDLINE]

53: Gorello P, Cazzaniga G, Alberti F, Dell'Oro MG, Gottardi E, Specchia G, Roti G, Rosati R, Martelli MF, Diverio D, Lo Coco F, Biondi A, Saglio G, Mecucci C, Falini B.

Quantitative assessment of minimal residual disease in acute myeloid leukemia carrying nucleophosmin (NPM1) gene mutations.

Leukemia. 2006 Jun;20(6):1103-8.

PMID: 16541144 [PubMed - indexed for MEDLINE]

54: Cimino G, Pane F, Elia L, Finolezzi E, Fazi P, Annino L, Meloni G, Mancini M, Tedeschi A, Di Raimondo F, Specchia G, Fioritoni G, Leoni P, Cuneo A, Mecucci C, Saglio G, Mandelli F, Foà R; GIMEMA Leukemia Working Party.

The role of BCR/ABL isoforms in the presentation and outcome of patients with Philadelphia-positive acute lymphoblastic leukemia: a seven-year update of the GIMEMA 0496 trial.

Haematologica. 2006 Mar;91(3):377-80.

PMID: 16531262 [PubMed - indexed for MEDLINE]

55: Hughes T, Deininger M, Hochhaus A, Branford S, Radich J, Kaeda J, Baccarani M, Cortes J, Cross NC, Druker BJ, Gabert J, Grimwade D, Hehlmann R, Kamel-Reid S, Lipton JH, Longtine J, Martinelli G, Saglio G, Soverini S, Stock W, Goldman JM.

Monitoring CML patients responding to treatment with tyrosine kinase inhibitors: review and recommendations for harmonizing current methodology for detecting BCR-ABL transcripts and kinase domain mutations and for expressing results.

Blood. 2006 Jul 1;108(1):28-37. Epub 2006 Mar 7. Review.

PMID: 16522812 [PubMed - indexed for MEDLINE]

56: Cilloni D, Gottardi E, Saglio G.

WT1 overexpression in acute myeloid leukemia and myelodysplastic syndromes.

Methods Mol Med. 2006;125:199-211.

PMID: 16502587 [PubMed - indexed for MEDLINE]

57: Morotti A, Cilloni D, Messa F, Arruga F, Defilippi I, Carturan S, Catalano R, Rosso V, Chiarenza A, Pilatrin C, Guerrasio A, Taulli R, Bracco E, Pautasso M, Baraban D, Gottardi E, Saglio G.

Valproate enhances imatinib-induced growth arrest and apoptosis in chronic myeloid leukemia cells.

Cancer. 2006 Mar 1;106(5):1188-96.

PMID: 16444746 [PubMed - indexed for MEDLINE]

58: Iacobucci I, Rosti G, Amabile M, Poerio A, Soverini S, Cilloni D, Testoni N, Abruzzese E, Montefusco E, Ottaviani E, Iuliano F, Russo D, Gobbi M, Alimena G, Martino B, Terragna C, Pane F, Saglio G, Baccarani M, Martinelli G.

Comparison between patients with Philadelphia-positive chronic phase chronic myeloid leukemia who obtained a complete cytogenetic response within 1 year of imatinib therapy and those who achieved such a response after 12 months of treatment.

J Clin Oncol. 2006 Jan 20;24(3):454-9.

PMID: 16421422 [PubMed - indexed for MEDLINE]

59: Martinelli G, Iacobucci I, Rosti G, Pane F, Amabile M, Castagnetti F, Cilloni D, Soverini S, Testoni N, Specchia G, Merante S, Zaccaria A, Frassoni F, Saglio G, Baccarani M.

Prediction of response to imatinib by prospective quantitation of BCR-ABL transcript in late chronic phase chronic myeloid leukemia patients.

Ann Oncol. 2006 Mar;17(3):495-502. Epub 2006 Jan 10.

PMID: 16403813 [PubMed - indexed for MEDLINE]

60: Cilloni D, Messa F, Arruga F, Defilippi I, Morotti A, Messa E, Carturan S, Giugliano E, Pautasso M, Bracco E, Rosso V, Sen A, Martinelli G, Baccarani M, Saglio G.

The NF-kappaB pathway blockade by the IKK inhibitor PS1145 can overcome imatinib resistance.

Leukemia. 2006 Jan;20(1):61-7.

PMID: 16270044 [PubMed - indexed for MEDLINE]

61: Aloisi A, Di Gregorio S, Stagno F, Guglielmo P, Mannino F, Sormani MP, Bruzzi P, Gambacorti-Passerini C, Saglio G, Venuta S, Giustolisi R, Messina A, Vigneri P.

BCR-ABL nuclear entrapment kills human CML cells: ex vivo study on 35 patients with the combination of imatinib mesylate and leptomyacin B.

Blood. 2006 Feb 15;107(4):1591-8. Epub 2005 Oct 25.

PMID: 16249386 [PubMed - indexed for MEDLINE]

62: Saglio G, Carturan S, Grillo S, Capella S, Arruga F, Defilippi I, Rosso V, Rauco M, Marina Liberati A, Cilloni D.

WT1 overexpression: a clinically useful marker in acute and chronic myeloid leukemias.

Hematology. 2005;10 Suppl 1:76-8. Review. No abstract available.

PMID: 16188642 [PubMed - indexed for MEDLINE]

63: Vitale A, Guarini A, Ariola C, Mancini M, Mecucci C, Cuneo A, Pane F, Saglio G, Cimino G, Tafuri A, Meloni G, Fabbiano F, Recchia A, Kropp MG, Krampera M, Cascavilla N, Ferrara F, Romano A, Mazza P, Fozza C, Paoloni F, Vignetti M, Foà R.

Adult T-cell acute lymphoblastic leukemia: biologic profile at presentation and correlation with response to induction treatment in patients enrolled in the GIMEMA LAL 0496 protocol.

Blood. 2006 Jan 15;107(2):473-9. Epub 2005 Sep 22.

PMID: 16179376 [PubMed - indexed for MEDLINE]

64: Groet J, Mulligan C, Spinelli M, Serra A, McElwaine S, Cotter FE, Dagna-Bricarelli F, Saglio G, Basso G, Nizetic D.

Independent clones at separable stages of differentiation, bearing different GATA1 mutations, in the same TMD patient with Down syndrome.

Blood. 2005 Sep 1;106(5):1887-8. No abstract available.

PMID: 16113234 [PubMed - indexed for MEDLINE]

65: Pilatrinio C, Cilloni D, Messa E, Morotti A, Giugliano E, Pautasso M, Familiari U, Cappia S, Pelicci PG, Lo Coco F, Saglio G, Guerrasio A.

Increase in platelet count in older, poor-risk patients with acute myeloid

leukemia or myelodysplastic syndrome treated with valproic acid and all-trans retinoic acid.

Cancer. 2005 Jul 1;104(1):101-9.

PMID: 15895376 [PubMed - indexed for MEDLINE]

66: Soverini S, Martinelli G, Rosti G, Bassi S, Amabile M, Poerio A, Giannini B, Trabacchi E, Castagnetti F, Testoni N, Luatti S, de Vivo A, Cilloni D, Izzo B, Fava M, Abruzzese E, Alberti D, Pane F, Saglio G, Baccarani M.

ABL mutations in late chronic phase chronic myeloid leukemia patients with up-front cytogenetic resistance to imatinib are associated with a greater likelihood of progression to blast crisis and shorter survival: a study by the GIMEMA Working Party on Chronic Myeloid Leukemia.

J Clin Oncol. 2005 Jun 20;23(18):4100-9. Epub 2005 May 2.

PMID: 15867198 [PubMed - indexed for MEDLINE]

67: Pane F, Cimino G, Izzo B, Camera A, Vitale A, Quintarelli C, Picardi M, Specchia G, Mancini M, Cuneo A, Mecucci C, Martinelli G, Saglio G, Rotoli B, Mandelli F, Salvatore F, Foà R; GIMEMA group.

Significant reduction of the hybrid BCR/ABL transcripts after induction and consolidation therapy is a powerful predictor of treatment response in adult Philadelphia-positive acute lymphoblastic leukemia.

Leukemia. 2005 Apr;19(4):628-35.

PMID: 15744351 [PubMed - indexed for MEDLINE]

68: Saglio G, Cilloni D, Rancati F, Boano L.

Glivec and CML: a lucky date.

J Biol Regul Homeost Agents. 2004 Apr-Jun;18(2):246-51. Review.

PMID: 15739279 [PubMed - indexed for MEDLINE]

69: Rege-Cambrin G, Giugliano E, Michaux L, Stul M, Scaravaglio P, Serra A, Saglio G, Hagemeijer A.

Trisomy 11 in myeloid malignancies is associated with internal tandem duplication of both MLL and FLT3 genes.

Haematologica. 2005 Feb;90(2):262-4.

PMID: 15710585 [PubMed - indexed for MEDLINE]

70: Falini B, Mecucci C, Tiacci E, Alcalay M, Rosati R, Pasqualucci L, La Starza R, Diverio D, Colombo E, Santucci A, Bigerna B, Pacini R, Pucciarini A, Liso A, Vignetti M, Fazi P, Meani N, Pettrossi V, Saglio G, Mandelli F, Lo-Coco F, Pelicci PG, Martelli MF; GIMEMA Acute Leukemia Working Party.

Cytoplasmic nucleophosmin in acute myelogenous leukemia with a normal karyotype. N Engl J Med. 2005 Jan 20;352(3):254-66. Erratum in: N Engl J Med. 2005 Feb 17;352(7):740.

PMID: 15659725 [PubMed - indexed for MEDLINE]

71: Saglio G, Morotti A, Mattioli G, Messa E, Giugliano E, Volpe G, Rege-Cambrin G, Cilloni D.

Rational approaches to the design of therapeutics targeting molecular markers: the case of chronic myelogenous leukemia.

Ann N Y Acad Sci. 2004 Dec;1028:423-31. Review.

PMID: 15650267 [PubMed - indexed for MEDLINE]

72: Cilloni D, Messa F, Carturan S, Arruga F, Defilippi I, Messa E, Gottardi E, Saglio G.

Myelodysplastic syndromes.

Ann N Y Acad Sci. 2004 Dec;1028:400-8. Review.

PMID: 15650265 [PubMed - indexed for MEDLINE]

73: Mancini M, Scappaticci D, Cimino G, Nanni M, Derme V, Elia L, Tafuri A, Vignetti M, Vitale A, Cuneo A, Castoldi G, Saglio G, Pane F, Mecucci C, Camera A, Specchia G, Tedeschi A, Di Raimondo F, Fioritoni G, Fabbiano F, Marmont F, Ferrara F, Cascavilla N, Todeschini G, Nobile F, Kropp MG, Leoni P, Tabilio A, Luppi M, Annino L, Mandelli F, Foà R.

A comprehensive genetic classification of adult acute lymphoblastic leukemia (ALL): analysis of the GIMEMA 0496 protocol.

Blood. 2005 May 1;105(9):3434-41. Epub 2005 Jan 13.

PMID: 15650057 [PubMed - indexed for MEDLINE]

74: Malagola M, Martinelli G, Rondoni M, Paolini S, Gaitani S, Arpinati M, Piccaluga PP, Amabile M, Basi C, Ottaviani E, Candoni A, Gottardi E, Cilloni D, Bocchia M, Saglio G, Lauria F, Fanin R, Visani G, Marrè MC, Maderna M, Rancati F, Vinaccia V, Russo D, Baccharani M.

Imatinib mesylate in the treatment of c-kit-positive acute myeloid leukemia: is this the real target?

Blood. 2005 Jan 15;105(2):904; author reply 905. No abstract available.

PMID: 15632213 [PubMed - indexed for MEDLINE]

75: Saglio G, Cilloni D.

Abl: the prototype of oncogenic fusion proteins.

Cell Mol Life Sci. 2004 Dec;61(23):2897-911. Review.

PMID: 15583852 [PubMed - indexed for MEDLINE]

76: Cilloni D, Messa F, Gottardi E, Fava M, Arruga F, Defilippi I, Carturan S, Messa E, Morotti A, Giugliano E, Rege-Cambrin G, Alberti D, Baccharani M, Saglio G.

Sensitivity to imatinib therapy may be predicted by testing Wilms tumor gene expression and colony growth after a short in vitro incubation.

Cancer. 2004 Sep 1;101(5):979-88.

PMID: 15329907 [PubMed - indexed for MEDLINE]

77: Baccharani M, Martinelli G, Rosti G, Trabacchi E, Testoni N, Bassi S, Amabile M, Soverini S, Castagnetti F, Cilloni D, Izzo B, de Vivo A, Messa E, Bonifazi F, Poerio A, Luatti S, Giugliano E, Alberti D, Fincato G, Russo D, Pane F, Saglio G; GIMEMA Working Party on Chronic Myeloid Leukemia.

Imatinib and pegylated human recombinant interferon-alpha2b in early chronic-phase chronic myeloid leukemia.

Blood. 2004 Dec 15;104(13):4245-51. Epub 2004 Aug 19.

PMID: 15319292 [PubMed - indexed for MEDLINE]

78: Elia L, Gottardi E, Floriddia G, Grillo R, Ciambelli F, Luciani M, Chiusolo P, Invernizzi R, Meloni G, Foà R, Saglio G, Cimino G.

Retrospective comparison of qualitative and quantitative reverse transcriptase

polymerase chain reaction in diagnosing and monitoring the ALL1-AF4 fusion transcript in patients with acute lymphoblastic leukaemia.

Leukemia. 2004 Nov;18(11):1824-30.

PMID: 15318246 [PubMed - indexed for MEDLINE]

79: Levis A, Pietrasanta D, Godio L, Vitolo U, Ciravegna G, Di Vito F, Gavarotti P, Guglielmelli T, Orsucci L, Raviolo E, Scalabrini DR, Salvi F, Tonso A, Aglietta M, Boccadoro M, Gallamini A, Saglio G, Scassa E, Gallo E.

A large-scale study of bone marrow involvement in patients with Hodgkin's lymphoma.

Clin Lymphoma. 2004 Jun;5(1):50-5.

PMID: 15245608 [PubMed - indexed for MEDLINE]

80: Specchia G, Albano F, Anelli L, Zagaria A, Liso A, La Starza R, Mancini M, Sebastio L, Giugliano E, Saglio G, Liso V, Rocchi M.

Insertions generating the 5'RUNX1/3'CBFA2T1 gene in acute myeloid leukemia cases show variable breakpoints.

Genes Chromosomes Cancer. 2004 Sep;41(1):86-91.

PMID: 15236320 [PubMed - indexed for MEDLINE]

81: Cilloni D, Saglio G.

WT1 as a universal marker for minimal residual disease detection and quantification in myeloid leukemias and in myelodysplastic syndrome.

Acta Haematol. 2004;112(1-2):79-84. Review.

PMID: 15179007 [PubMed - indexed for MEDLINE]

82: Soverini S, Martinelli G, Amabile M, Poerio A, Bianchini M, Rosti G, Pane F, Saglio G, Baccarani M; Italian Cooperative Study Group on Chronic Myeloid Leukemia; European LeukemiaNet-6th Framework Program of the European Community.

Denaturing-HPLC-based assay for detection of ABL mutations in chronic myeloid leukemia patients resistant to Imatinib.

Clin Chem. 2004 Jul;50(7):1205-13. Epub 2004 Apr 23.

PMID: 15107311 [PubMed - indexed for MEDLINE]

83: Rossi D, Capello D, Gloghini A, Franceschetti S, Paulli M, Bhatia K, Saglio G, Vitolo U, Pileri SA, Esteller M, Carbone A, Gaidano G.

Aberrant promoter methylation of multiple genes throughout the clinico-pathologic spectrum of B-cell neoplasia.

Haematologica. 2004 Feb;89(2):154-64.

PMID: 15003890 [PubMed - indexed for MEDLINE]

84: Cilloni D, Carturan S, Gottardi E, Messa F, Fava M, Defilippi I, Arruga F, Saglio G.

Usefulness of the quantitative assessment of PRV-1 gene expression for the diagnosis of polycythemia vera and essential thrombocythemia patients.

Blood. 2004 Mar 15;103(6):2428; author reply 2429. No abstract available.

PMID: 14998918 [PubMed - indexed for MEDLINE]

85: Guidetti F, Grazioli S, Capelli F, Marini C, Gallicchio M, De Micheli D, Castello L, Sainaghi PP, Fra GP, Saglio G, Avanzi GC.

Primitive hematopoietic stem cells shows a polyclonal pattern in myelodysplastic

syndromes.

Haematologica. 2004 Jan;89(1):21-8.

PMID: 14754602 [PubMed - indexed for MEDLINE]

86: Saglio G, Cilloni D.

Conventional and novel tools for defining the risk of the individual patient with chronic myeloid leukemia and for monitoring treatment.

Haematologica. 2004 Jan;89(1):6-9. Review. No abstract available.

PMID: 14754599 [PubMed - indexed for MEDLINE]

87: Rosti G, Martinelli G, Bassi S, Amabile M, Trabacchi E, Giannini B, Cilloni D, Izzo B, De Vivo A, Testoni N, Cambrin GR, Bonifazi F, Soverini S, Luatti S, Gottardi E, Alberti D, Pane F, Salvatore F, Saglio G, Baccarani M; Study Committee, Italian Cooperative Study Group for Chronic Myeloid Leukemia; Writing Committee, Italian Cooperative Study Group for Chronic Myeloid Leukemia.

Molecular response to imatinib in late chronic-phase chronic myeloid leukemia.

Blood. 2004 Mar 15;103(6):2284-90. Epub 2003 Nov 26.

PMID: 14645009 [PubMed - indexed for MEDLINE]

88: Gabert J, Beillard E, van der Velden VH, Bi W, Grimwade D, Pallisgaard N, Barbany G, Cazzaniga G, Cayuela JM, Cavé H, Pane F, Aerts JL, De Micheli D, Thirion X, Pradel V, González M, Viehmann S, Malec M, Saglio G, van Dongen JJ.

Standardization and quality control studies of 'real-time' quantitative reverse transcriptase polymerase chain reaction of fusion gene transcripts for residual disease detection in leukemia - a Europe Against Cancer program.

Leukemia. 2003 Dec;17(12):2318-57. Review.

PMID: 14562125 [PubMed - indexed for MEDLINE]

89: Beillard E, Pallisgaard N, van der Velden VH, Bi W, Dee R, van der Schoot E, Delabesse E, Macintyre E, Gottardi E, Saglio G, Watzinger F, Lion T, van Dongen JJ, Hokland P, Gabert J.

Evaluation of candidate control genes for diagnosis and residual disease detection in leukemic patients using 'real-time' quantitative reverse-transcriptase polymerase chain reaction (RQ-PCR) - a Europe against cancer program.

Leukemia. 2003 Dec;17(12):2474-86.

PMID: 14562124 [PubMed - indexed for MEDLINE]