

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]

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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.

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- 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.
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- 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.
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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.
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- 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.
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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.

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22: le Coutre P, Ottmann OG, Giles F, Kim DW, Cortes J, Gattermann N, Apperley JF, Larson RA, Abruzzese E, O'Brien SG, Kuliczkowski 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.

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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.

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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.

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

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A young man with persistent eosinophilia.

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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.

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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.

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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.

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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.

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

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

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

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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.

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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]

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

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Br J Haematol. 2006 Oct;135(2):265-6. Epub 2006 Sep 4. No abstract available.
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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.
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Acta Haematol. 2006;116(1):70-1. No abstract available.
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Blood. 2006 Sep 15;108(6):1999-2005. Epub 2006 May 23.
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