

Editorials and Perspectives

- 289-291 Current treatment of acute promyelocytic leukemia
Francesco Lo Coco, Emanuele Ammatuna, Miguel A. Sanz
- 292-296 Investigating people with mucocutaneous bleeding suggestive of primary hemostatic defects: a low likelihood of a definitive diagnosis?
Emmanuel J. Favaloro
- 297-299 The metabolic syndrome and the risk of thrombosis
Francesco Dentali, Erica Romualdi, Walter Ageno

Research Papers

- Hematopoietic Stem Cells**
- 300-307 The characteristics of hematopoietic stem cells from autoimmune-prone mice and the role of neural cell adhesion molecules in abnormal proliferation of these cells in MRL/lpr mice
Xiaoli Wang, Hiroko Hisha, Wenhao Cui, Changye Song, Tomomi Mizokami, Satoshi Okazaki, Qing Li, Wei Feng, Junko Kato, Shiwen Jiang, Hongxue Fan, Susumu Ikebara
- Acute Leukemia**
- 308-314 The potential effect of gender in combination with common genetic polymorphisms of drug-metabolizing enzymes on the risk of developing acute leukemia
Pascual Bolufer, Maria Collado, Eva Barragán, José Cervera, María-José Calasanz, Dolors Colomer, José Roman-Gómez, Miguel A. Sanz
- Acute Myeloid Leukemia**
- 315-322 Using quantification of the PML-RAR α transcript to stratify the risk of relapse in patients with acute promyelocytic leukemia
Carlos Santamaría, María Carmen Chillón, Carina Fernández, Patricia Martín-Jiménez, Ana Balanzategui, Ramón García Sanz, Jesús F. San Miguel, Marcos-Gonzalez González

- Acute Promyelocytic Leukemia**
- 323-331 Arsenic but not all-trans retinoic acid overcomes the aberrant stem cell capacity of PML/RAR α -positive leukemic stem cells
Xiaomin Zheng, Anita Seshire, Brigitte Rüster, Gesine Bug, Tim Beissert, Elena Puccetti, Dieter Hoelzer, Reinhard Henschler, Martin Ruthardt

- Acute Myeloid Leukemia**
- 332-341 Subclassification of patients with acute myelogenous leukemia based on chemokine responsiveness and constitutive chemokine release by their leukemic cells
Øystein Bruserud, Anita Rynningen, Astrid Marta Olsnes, Laila Stordrange, Anne Margrete Øyan, Karl Henning Kalland, Bjørn Tore Gjertsen

- Acute Lymphoblastic Leukemia**
- 342-348 Absence of prognostic impact of CD13 and/or CD33 antigen expression in adult acute lymphoblastic leukemia. Results of the GIMEMA ALL 0496 trial
Antonella Vitale, Anna Guarini, Cristina Ariola, Giovanna Meloni, Omar Perbellini, Michele Pizzuti, Cinzia De Gregoriis, Vincenzo Mettivier, Alessandro Pastorini, Giovanni Pizzolo, Marco Vignetti, Franco Mandelli, Robin Foà

- Chronic Lymphocytic Leukemia**
- 349-356 The prognostic role of CXCR3 expression by chronic lymphocytic leukemia B cells
Esther Ocaña, Luis Delgado-Pérez, Antonio Campos-Caro, Juan Muñóz, Antonio Paz, Rafael Franco, José A. Brieva

- Disorders of Hemostasis**
- 357-365 High prevalence of bleeders of unknown cause among patients with inherited mucocutaneous bleeding. Prospective study of 280 patients and 299 controls
Teresa Quiroga, Manuela Goycoolea, Olga Panes, Eduardo Aranda, Carlos Martínez, Sabine Belmont, Blanca Muñoz, Pamela Zúñiga, Jaime Pereira, Diego Mezzano

- Disorders of Hemostasis**
- 366-373 Surgical bleeding after preoperative unfractionated heparin and low molecular weight heparin at coronary bypass surgery
Giulia Renda, Raffaele Di Pillo, Alberto D'Alleva, Adolfo Sciartilli, Marco Zimarino, Erica De Candia, Raffaele Landolfi, Gabriele Di Giammarco, Antonio Calafiore, Raffaele De Caterina

Thrombosis

- 374-380 Venous thromboembolism – a manifestation of the metabolic syndrome
Cihan Ay, Theres Tengler, Rainer Vormittag, Ralph Simanek, Wolfgang Dorda, Thomas Vukovich, Ingrid Pabinger

Progress in Hematology

Immunotherapy

- 381-388 Chimeric T-cell receptors: new challenges for targeted immunotherapy in hematologic malignancies
Ettore Biagi, Virna Marin, Greta Maria Paola Giordano Attianese, Erica Dander, Giovanna D'Amico, Andrea Biondi

Decision Making and Problem Solving

Acute Myeloid Leukemia

- 389-396 Autologous stem cell transplantation after complete remission and first consolidation in acute myeloid leukemia patients aged 61-70 years: results of the prospective EORTC-GIMEMA AML-13 study
Xavier Thomas, Stefan Suciu, Bernard Rio, Giuseppe Leone, Giorgio Broccia, George Fillet, Ulrich Jehn, Walter Feremans, Giovanna Meloni, Marco Vignetti, Theo de Witte, Sergio Amadori

Brief Reports

Aplastic Anemia

- 397-400 Immunosuppressive therapy with anti-thymocyte globulin and cyclosporine A in selected children with hypoplastic refractory cytopenia
Ayami Yoshimi, Irith Baumann, Monika Führer, Eva Bergsträsser, Ulrich Göbel, Karl-Walter Sykora, Thomas Klingebiel, Ute Gross-Wieltsch, Marry M. van den Heuvel-Eibrink, Alexandra Fischer, Peter Nöllke, Charlotte Niemeyer

Chronic Myeloid Leukemia

- 401-404 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
Simona Soverini, Giovanni Martinelli, Sabrina Colarossi, Alessandra Gnani, Fausto Castagnetti, Gianantonio Rosti, Costanza Bosi, Stefania Paolini, Michela Rondoni, Pier Paolo Piccaluga, Francesca Palandri, Panagiota Giannoulia, Giulia Marzocchi, Simona Luatti, Nicoletta Testoni, Iliaria Iacobucci, Daniela Cilloni, Giuseppe Saglio, Michele Baccarani

Malignant Lymphomas

- 405-409 The translocations t(6;18;11)(q24;q21;q21) and t(11;14;18)(q21;q32;q21) lead to a fusion of the *API2* and *MALT1* genes and occur in MALT lymphomas
Eva M. Murga Penas, Evelyne Callet-Bauchu, Hongtao Ye, Kristina Hinz, Nadine Albert, Christiane Copie-Bergman, Sophie Gazzo, Françoise Berger, Gilles Salles, Carsten Bokemeyer, Ming-Qing Du, Judith Dierlamm

Thrombosis

- 410-413 Deferral of assessment of pulmonary embolism
Sergio Siragusa, Alessandra Malato, Francesco Falaschi, Fernando Porro, Raffaella Anastasio, Antonino Giarratano, Lucio Lo Coco, Maria Cristina Buonanno, Elena Maggi, Maria Antonietta Bressan, Guglielmo Mariani

Stem Cell Transplantation

- 414-417 Donor lymphocyte infusion for the treatment of leukemia relapse after HLA-mismatched/haploidentical T-cell-replete hematopoietic stem cell transplantation
Xiao-Jun Huang, Dai-Hong Liu, Kai-Yan Liu, Lan-Ping Xu, Huan Chen, Wei Han

- Stem Cell Transplantation**
418-420 Reduced intensity stem cell transplantation for advanced soft tissue sarcomas in adults: a retrospective analysis of the European Group for Blood and Marrow Transplantation
Simona Secondino, Matteo G. Carrabba, Paolo Pedrazzoli, Luca Castagna, Francesco Spina, Federica Grosso, Alexia Bertuzzi, Jacques-Olivier Bay, Salvatore Siena, Paolo Corradini, Dietger Niederwieser, Taner Demirer on behalf of the European Group for Blood and Marrow Transplantation (EBMT) Solid Tumors Working Party (STWP)

Letters to the Editor

- Disorders of Iron Metabolism**
421-422 Juvenile hemochromatosis caused by a novel combination of hemojuvelin G320V/R176C mutations in a 5-year old girl
Patricia Aguilar-Martinez, Chun Yu Lok, Séverine Cunat, Estelle Cadet, Kathryn Robson, Jacques Rochette

- Red Cell Disorders**
423-424 A 65 bp duplication/insertion in exon II of the β globin gene causing β^0 -thalassemia
Hannes Frischknecht, Fabrizio Dutly

- Red Cell Disorders**
425-426 Steroid treatment in children with sickle-cell disease
Sonia Couillard, Malika Benkerrou, Robert Girot, Valentine Brousse, Alicia Ferster, Brigitte Bader-Meunier

- Red Cell Disorders**
427-428 Abnormalities of erythrocyte glycoconjugates are identical in two families with congenital dyserythropoietic anemia type II with different chromosomal localizations of the disease gene
Ewa Zdebska, Achille Iolascon, Justyna Spsychalska, Silverio Perrotta, Carmen Lanzara, Gabriela Smolenska-Sym, Jerzy Koscielak

- Chronic Myeloid Leukemia**
429-430 Monitoring BCR-ABL transcript levels by real-time quantitative polymerase chain reaction: a linear regression equation to convert from BCR-ABL/B2M ratio to estimated BCR-ABL/ABL ratio
Ilaria Iacobucci, Livia Galletti, Marilina Amabile, Simona Soverini, Michele Baccarani, Giovanni Martinelli

- Myeloproliferative Disorders**
431-432 JAK2V^{617F} detection and dosage of serum erythropoietin: first steps of the diagnostic work-up for patients consulting for elevated hematocrit
François Girodon, Eric Lippert, Pascal Mossuz, Irène Dobo, Nathalie Boiret-Dupré, Jean-François Lesesve, Sylvie Hermouet, Vincent Praloran

Continuing Medical Education

Prognostic significance of CXCR3 expression in chronic lymphocytic leukemia

Chimeric T-cell receptors: new challenges for targeted immunotherapy in hematologic malignancies

Venous thromboembolism – a manifestation of the metabolic syndrome