

This Month in Haematologica

1 January 2004

Editorials, Comments & Views5-6 Clonal nature of hematopoietic stem cell disorders
*Gaetano Bergamaschi*6-9 Conventional and novel tools for defining the risk of the individual patient with chronic myeloid leukemia and for monitoring treatment
*Giuseppe Saglio, Daniela Cilloni*9-10 Chronic lymphocytic leukemia 2003
*Enrica Morra, Marco Montillo***Research Papers**11-20 ***Aplastic Anemia***
Fanconi's anemia cell lines show distinct mechanisms of cell death in response to mitomycin C or agonistic anti-Fas antibodies
*Alan A. Clarke, Frances M. Gibson, Julie Scott, Nyree Myatt, Tim R. Rutherford*21-28 ***Myelodysplastic Syndromes***
Primitive hematopoietic stem cells show a polyclonal pattern in myelodysplastic syndromes
*Francesca Guidetti, Sandra Grazioli, Francesca Capelli, Claudia Marini, Margherita Gallicchio, Daniela De Micheli, Luigi Castello, Pier Paolo Sainaghi, Gian Paolo Fra, Giuseppe Saglio, Gian Carlo Avanzi*29-33 ***Acute Myeloid Leukemia***
Clinico-biological features and outcome of acute promyelocytic leukemia patients with persistent polymerase chain reaction-detectable disease after AIDA front-line induction and consolidation therapy
*Massimo Breccia, Daniela Diverio, Nélida Inés Noguera, Giuseppe Visani, Alessandra Santoro, Franco Locatelli, Daniela Damiani, Filippo Marmont, Marco Vignetti, Maria C. Petti, Francesco Lo Coco*34-41 ***Acute Myeloid Leukemia***
P-glycoprotein and multidrug resistance associated protein-1 activity in 132 acute myeloid leukemias according to FAB subtypes and cytogenetics risk groups
*Ollivier Legrand, Simona Zompi, Jean-Yves Perrot, Anne-Marie Faussat, Zineb Benderra, Driss Chaoui, Jean-Pierre Marie*42-48 ***Chronic Myeloid Leukemia***
The suppressor of cytokine signaling-1 is constitutively expressed in chronic myeloid leukemia and correlates with poor cytogenetic response to interferon- α
*José Roman-Gomez, Antonio Jimenez-Velasco, Juan A. Castillejo, Francisco Cervantes, Manuel Barrios, Dolors Colomer, Anabel Heiniger, Antonio Torres*49-57 ***Chronic Myeloid Leukemia***
Quantitative reverse transcription polymerase chain reaction should not replace conventional cytogenetics for monitoring patients with chronic myeloid leukemia during the early phase of imatinib therapy
*Thoralf Lange, Thomas Bumm, Sandra Otto, Haifa-Kathrin Al-Ali, Ines Kovacs, Daniela Krug, Thomas Köhler, Rainer Krabl, Dietger Niederwieser, Michael W.N. Deininger*58-69 ***Malignant Lymphomas***
Incidence and characteristics of CD4⁺/HLADR^{hi} dendritic cell malignancies
*Clara Bueno, Julia Almeida, Paulo Lucio, Josefa Marco, Raimundo Garcia, José Maria de Pablos, Antonio Parreira, Fernando Ramos, Francisco Ruiz-Cabello, Dimas Suarez-Vilela, Jesus F. San-Miguel, Alberto Orfao*70-76 ***Malignant Lymphomas***
Prevalence of hepatitis C virus infection in lymphoproliferative diseases other than B-cell non-Hodgkin's lymphomas, and in myeloproliferative diseases: an Italian Multi-Center case-control study
*Elvira Bianco, Fabrizio Marcucci, Alfonso Mele, Pellegrino Musto, Rodolfo Cotichini, Maria Grazia Sanpaolo, Emilio Iannitto, Amalia De Renzo, Bruno Martino, Giorgina Specchia, Marco Montanaro, Anna Maria Barbui, Rosa Nieddu, Livio Pagano, Maria Rapicetta, Silvia Franceschi, Franco Mandelli, Alessandro Pulsoni, for the GIMEMA Study Group on HCV and Hematologic Diseases*77-85 ***Disorders of Hemostasis***
A sensitive ristocetin co-factor activity assay with recombinant glycoprotein Ib α for the diagnosis of patients with low von Willebrand factor levels
*Augusto B. Federici, Maria T. Canciani, Ileana Forza, Pier Mannuccio Mannucci, Patrizia Marchese, Jerry Ware, Zaverio M. Ruggeri*86-95 ***Gene Therapy***
Elongation factor 1 (EF1 α) promoter in a lentiviral backbone improves expression of the CD20 suicide gene in primary T-lymphocytes allowing efficient rituximab-mediated lysis
*Marta Serafini, Martin Bonamino, José Golay, Martino Introna***Decision Making & Problem Solving**96-100 ***Disorders of Hemostasis***
Acquired hemophilia: a critical bleeding syndrome
Francesco Baudo, Francesco De Cataldo

Letters to the Editor

- 101-103 *Lymphocytes*
Detection of intracellular phosphorylated ERK1/2 in natural killer cells by flow cytometry
Yanyan Wang, Shujuan Liang, Xiaodong Zheng, Haiming Wei, Rui Sun, Zhigang Tian
- 103-105 *Acute Myeloid Leukemia*
Patterns of AML1-ETO transcript expression in patients with acute myeloid leukemia and t(8;21) in complete hematologic remission
Silvia Buonamici, Emanuela Ottaviani, Giuseppe Visani, Francesca Bonifazi, Mauro Fiacchini, Michele Bacarani, Giovanni Martinelli
- 106 *Acute Myeloid Leukemia*
Second hit mutations in the RTK/RAS signaling pathway in acute myeloid leukemia with inv(16)
Peter J.M. Valk, David T. Bowen, Marion E. Freu, Anne C. Goodeve, Bob Löwenberg, John T. Reilly
- 107-108 *Acute Myeloid Leukemia*
Comparison of BAVC and BuCy regimens in autologous stem cell transplantation for adult patients with acute myeloid leukemia
Loïc Fouillard, Myriam Labopin, Giovanna Meloni, Emmanuelle Polge, Norbert-Claude Gorin, Francesco Frassoni
- 109-110 *Chronic Lymphocytic Leukemia*
ATM mutations in B-cell chronic lymphocytic leukemia
Aleksi Lähdesmäki, Eva Kimby, Veronique Duke, Letizia Foroni, Lennart Hammarström
- 111-112 *Chronic Lymphocytic Leukemia*
Dendritic cell deficiency in early B-cell chronic lymphocytic leukemia
Dirk Strunk, Regina Grube, Elke Stadelmeyer, Werner Linkesch
- 113-114 *Malignant Lymphomas*
Splenic marginal zone lymphomas with peripheral CD5 expression
Stavroula Giannouli, George Paterakis, Panayiotis D. Ziakas, Dimitra Anagnostou, Michalis Voulgarelis
- 115-116 *Malignant Lymphomas*
Positron emission tomography with [¹⁸F] 2-fluoro-D-2-deoxyglucose in primary cutaneous T-cell lymphomas
Julia Valencak, Alexander Becherer, Manon Der-Petrosian, Franz Trautinger, Markus Raderer, Martha Hoffmann
- 117-118 *Thrombosis*
Identification of six novel mutations in type I antithrombin deficient Italian families
Pasquale Di Perna, Gennaro Vecchione, Giovanna D'Andrea, Giovanna Scenna, Vincenzo Brancaccio, Maurizio Margaglione

- 118-120 *Thrombosis*
High factor VIII plasma levels as a risk factor for venous thrombosis: no evidence of inheritance from a family cohort study
Eduard J. Libourel, Corine P. Baljé-Volkers, Karly Hamulyák, Martin H. Prins, Saskia Middeldorp, Harry R. Büller, Jan van der Meer
- 120-122 *Stem Cell Transplantation*
Immunological reconstitution after autologous peripheral blood stem cell transplantation in patients with chronic lymphocytic leukemia. Comparison with an historical non-Hodgkin's lymphoma group
Luca Laurenti, Nicola Piccirillo, Federica Sorà, Paola Piccioni, Michela Tarnani, Giuseppe Leone, Simona Sica
- 122-124 *Stem Cell Transplantation*
Hematopoietic abnormalities persist more than six years after autologous peripheral blood stem cell transplantation in patients with non-Hodgkin's lymphoma
Natalia López-Holgado, Sebastián Garzón, Alejandro Martín, Lourdes Hermosín, Rosa Campos, Angel León

Continuing Medical Education

- 125 A chronic lymphoproliferative disorder
- 126 An acute leukemia with hyperleukocytosis
- 127 Von Willebrand's disease
- 128 A bleeding syndrome