

This Month in the Journal

- 145 Prognostic variables in patients with chronic myeloid leukemia treated with imatinib
Carlo Gambacorti-Passerini
- 145-146 Mechanism of thrombosis in essential thrombocythemia
Claire Harrison
- 146-147 Of mice and mechanisms: identifying the role of complement in monoclonal antibody-based immunotherapy
Ronald P. Taylor
- 147 Further insights into multiple myeloma genetics
Johannes Drach
- 147-148 Skeletal tissue remodeling in multiple myeloma
Magne Borset
- 148-149 Chemokine receptor expression in multiple myeloma
Orhan Sezer
- 149-150 Effects of heparins on hemostatic properties of vascular endothelium
Matteo Giovanni della Porta, Luca Malcovati
- 150-151 The feasibility of early discharge with oral antimicrobial therapy in low risk patients with febrile neutropenia following chemotherapy for hematological malignancies
Catherine Cordonnier

Editorials and Perspectives

- 152-158 *Chronic Myeloid Leukemia*
Chronic myeloid leukemia in 2006: a perspective
Michael J. Mauro, Michael W.N. Deininger
- 159-161 *Myeloproliferative Disorders*
Not just clonal expansion of hematopoietic cells, but also activation of their progeny in the pathogenesis of myeloproliferative disorders
Mario Cazzola, Francesco Passamonti

Research Papers

- 162-168 *Chronic Myeloid Leukemia*
Molecular remission in chronic myeloid leukemia patients with sustained complete cytogenetic remission after imatinib mesylate treatment
Marie Colombat, Marie-Pierre Fort, Claudine Chollet, Gerald Marit, Catherine Roche, Claude Preudhomme, Josy Reiffers, Vincent Praloran, François-Xavier Mahon
- 169-175 *Myeloproliferative Disorders*
Increased platelet and leukocyte activation as contributing mechanisms for thrombosis in essential thrombocythemia and correlation with the JAK2 mutational status
Eduardo Arellano-Rodrigo, Alberto Alvarez-Larrán, Juan Carlos Reverter, Neus Villamor, Dolores Colomer, Francisco Cervantes
- 176-183 *Malignant Lymphomas*
The role of complement in the therapeutic activity of rituximab in a murine B lymphoma model homing in lymph nodes
Josef Golay, Elena Cittera, Nicola Di Gaetano, Massimiliano Manganini, Michela Mosca, Manuela Nebuloni, Nico van Rooijen, Luca Vago, Martino Introna

- 184-191 *Multiple Myeloma*
Identification of overexpressed genes in frequently gained/amplified chromosome regions in multiple myeloma
Cristina Largo, Sara Alvarez, Borja Saez, David Blesa, Jose I. Martin-Subero, Ines González-García, Jose A. Brieva, Joaquin Dopazo, Reiner Siebert, María J. Calasanz, Juan C. Cigudosa
- 192-199 *Multiple Myeloma*
Inhibitory effects of osteoblasts and increased bone formation on myeloma in novel culture systems and a myelomatous mouse model
Shmuel Yaccoby, Michele J. Wezeman, Maurizio Zangari, Ronald Walker, Michele Cottler-Fox, Danna Gaddy, Wen Ling, Rinku Saha, Bart Barlogie, Guido Tricot, Joshua Epstein
- 200-206 *Multiple Myeloma*
Clinical significance of chemokine receptor (CCR1, CCR2 and CXCR4) expression in human myeloma cells: the association with disease activity and survival
Isabelle Van de Broek, Xavier Leleu, Rik Schots, Thierry Facon, Karin Vanderkerken, Ben Van Camp, Iwan Van Riet
- 207-214 *Thrombosis*
Differential effect of the low-molecular-weight heparin, dalteparin, and unfractionated heparin on microvascular endothelial cell hemostatic properties
Alfonso Vignoli, Marina Marchetti, Donatella Balducci, Tiziano Barbui, Anna Falanga
- 215-222 *Supportive Therapy*
The feasibility of early hospital discharge with oral antimicrobial therapy in low risk patients with febrile neutropenia following chemotherapy for hematologic malignancies
Honar Cherif, Eva Johansson, Magnus Björkholm, Mats Kalin

Decision Making and Problem Solving

- 223-230 *Stem Cell Transplantation*
Unrelated cord blood transplants in adults with hematologic malignancies
William Arcese, Vanderson Rocha, Myriam Labopin, Guillermo Sanz, Anna Paola Iori, Marcos de Lima, Anne Sirvent, Alessandro Busca, Shigeta Asano, Irina Ionescu, Peter Wernet, Eliane Gluckman, on behalf of Eurocord-Netcord Transplant group

Brief Reports

- 231-234 *Disorders of Erythropoiesis*
The limited value of methylmalonic acid, homocysteine and holotranscobalamin in the diagnosis of early B12 deficiency
Andrew Goringe, Richard Ellis, Ian McDowell, Josep Vidal-Alaball, Christopher Jenkins, Christopher Butler, Mark Worwood
- 235-239 *Chronic Myeloid Leukemia*
The role of serial BCR-ABL transcript monitoring in predicting the emergence of BCR-ABL kinase mutations in imatinib-treated patients with chronic myeloid leukemia
Lihui Wang, Katy Knight, Claire Lucas, Richard E. Clark
- 240-243 *Acute Lymphoblastic Leukemia*
The putative role of transforming viruses in childhood acute lymphoblastic leukemia
Jane MacKenzie, Mel F. Greaves, Tim O.B. Eden, Rob A. Clayton, Jacqueline Perry, Katherine S. Wilson, Ruth F. Jarrett
- 244-247 *Lymphoproliferative Disorders*
Differential dynamics of Epstein-Barr virus in individuals infected with human immunodeficiency virus-1 receiving intermittent interleukin-2 and antiretroviral therapy
Nicoletta Burighel, Silvia Ghezzi, Silvia Nozza, Paola Del Bianco, Adriano Lazzarin, Giuseppe Tambussi, Guido Poli, Anita De Rossi



Official Organ of the
European Hematology Association

248-251 **Multiple Myeloma**
The effects of the histone deacetylase inhibitor valproic acid on cell cycle arrest, growth suppression and apoptosis in multiple myeloma
Martin Kaiser, Ivana Zavrski, Jan Sterz, Christian Jakob, Claudia Fleissner, Peter-Michael Kloetzel, Orhan Sezer, Ulrike Heider

252-254 **Multiple Myeloma**
Primary treatment with pulsed melphalan, dexamethasone and thalidomide for elderly symptomatic patients with multiple myeloma
Meletios A. Dimopoulos, Athanasios Anagnostopoulos, Evangelos Terpos, Panagiotis Repoussis, Athanasios Zoma, Eirini Katodritou, Marie Christine Kyrtsonis, Souzana Delibasi, Amalia Vassou, Anastasia Pouli, Konstantinos Zervas, Nikolaos Anagnostopoulos, Alice Maniatis on behalf of the Greek Myeloma Study Group

255-257 **Supportive Therapy**
Topical prophylaxis of conjunctivitis induced by high-dose cytosine arabinoside
Paola Matteucci, Carmelo Carlo-Stella, Massimo Di Nicola, Michele Magni, Anna Guidetti, Maddalena Marchesi, Alessandro Massimo Gianni

258-261 **Stem Cell Transplantation**
Sclerodermatous chronic graft-versus-host disease after allogeneic hematopoietic stem cell transplantation: incidence, predictors and outcome
Cristina Skert, Francesca Patriarca, Alessandra Sperotto, Michela Cerno, Carla Fili, Francesco Zaja, Raffaella Stocchi, Antonella Geromin, Daniela Damiani, Renato Fanin

Letters to the Editor

262-263 **Disorders of Erythropoiesis**
The role of the G6PD A-376G/968C allele in glucose-6-phosphate dehydrogenase deficiency in the Seerer population of Senegal
Carla De Araujo, Florence Migot-Nabias, Juliette Guitard, Stéphane Pelleau, Tom Vulliamy, Rolande Ducrocq

264-265 **Disorders of Erythropoiesis**
The usefulness of serum transferrin receptor for discriminating iron deficiency without anemia in children
M^a Angeles Vázquez, Amparo Carracedo, Francisco Lendínez, Francisco Javier Muñoz, Juan López, Antonio Muñoz

266-267 **Disorders of Erythropoiesis**
Molecular characterization of five Portuguese patients with pyrimidine 5'-nucleotidase deficient hemolytic anemia showing three new P5'N-I mutations
Licínio Manco, Luís Relvas, C. Silva Pinto, Janet Pereira, A. Bessa Almeida, M. Letícia Ribeiro

268-269 **Hematopoietic Cells**
The involvement of cellular proliferation status in the expression of the human proto-oncogene DEK
Malin Ageberg, Urban Gullberg, Anders Lindmark

270-271 **Acute Lymphoblastic Leukemia**
Prognostic value of quantitative analysis of WT1 gene transcripts in adult acute lymphoblastic leukemia
Luigi Chiusa, Paola Francia di Celle, Paola Campisi, Cristina Ceretto, Filippo Marmont, Achille Pich

272-273 **Acute Lymphoblastic Leukemia**
Rituximab plus chemotherapy in children with relapsed or refractory CD20-positive B-cell precursor acute lymphoblastic leukemia
Alexander Claviez, Cornelia Eckert, Karl Seeger, André Schrauder, Martin Schrappe, Günter Henze, Arend von Stackelberg

274-276 **Multiple Myeloma**
Incidence of monoclonal B-cell disease in siblings of patients with multiple myeloma
Monika Engelhardt, Gabriele Ihorst, Dirk Behringer, Jürgen Finke, Birgit Roth

277-278 **Disorders of Platelets**
Anti-interleukin-2 receptor antibody (daclizumab) treatment of corticosteroid-refractory autoimmune thrombocytopenic purpura
Patrick F. Fogarty, Ruth Seggewiss, Donna Jo McCloskey, Carol A. Boss, Cynthia E. Dunbar, Margaret E. Rick

279-280 **Thrombosis**
Association of estrogen receptor- α gene polymorphisms with venous thrombosis
Federico Lussana, Elena M. Faioni, Carmelo Mavilia, Paolo Bucciarelli, Maria Luisa Brandi, Marco Cattaneo

281-282 **Thrombosis**
Intravenous thrombolytic therapy in patients with phlegmasia caerulea dolens
Bernard Tardy, Nathalie Moulin, Patrick Mismetti, Hervé Decousus, Silvy Laporte

283-284 **Stem Cell Transplantation**
The origin of epithelial neoplasms after allogeneic stem cell transplantation
Mary J. Smith, Patricia H.J. van Cleef, Anton V.M.B. Schattenberg, Johan H.J.M. van Krieken

285-286 **Stem Cell Transplantation**
Targeted marrow irradiation with radioactively labeled anti-CD66 monoclonal antibody prior to allogeneic stem cell transplantation for patients with leukemia: results of a phase I-II study
Thorsten Zenz, Gerhard Glatting, Richard F. Schlenk, Inga Buchmann, Hartmut Döhner, Sven N. Reske, Donald Bunjes

287-288 **Infectious Disorders**
Breakthrough fungemia caused by fluconazole-resistant *Candida albicans* with decreased susceptibility to voriconazole in patients with hematologic malignancies
Yoshinari Myoken, Tai-ichi Kyo, Tatsumi Sugata, Somay Yamagata Murayama, Yuzuru Mikami

Continuing Medical Education

Unrelated cord blood transplant in adults

Response to imatinib treatment in chronic myeloid leukemia

Differential effect of the low-molecular-weight heparin, dalteparin, and unfractionated heparin on microvascular endothelial cell hemostatic properties

Clinical significance of chemokine receptor (CCR1, CCR2 and CXCR4) expression in human myeloma cells: a close association with disease activity and survival