

## This Month in the Journal

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|-------|--|-------|--|
| tmj01 | High-altitude polycythemia<br><i>Joachim Fandrey</i>   |       |  |
| tmj02 | Erythrocytosis due to mutations on the von Hippel-Lindau tumor suppressor gene<br><i>Gaetano Bergamaschi</i>   | 19-24 | <i>Red Cell Disorders</i><br>Mutations in the von-Hippel-Lindau ( <i>VHL</i> ) tumor suppressor gene and <i>VHL</i> -haplotype analysis in patients with presumable congenital erythrocytosis<br><i>Holger Cario, Klaus Schwarz, Norbert Jorch, Ulrike Kyank, Petro E. Petrides, Dominik T. Schneider, Renate Uhle, Klaus-Michael Debatin, Elisabeth Kohne</i>   |
| tmj03 | Pyruvate kinase deficiency<br><i>Mario Cazzola</i>   | 25-30 | <i>Red Cell Disorders</i><br>Severe hemolytic anemia in a Vietnamese family, associated with novel mutations in the gene encoding for pyruvate kinase<br><i>Catherine Costa, Juliette Albuissou, Le Thi Hao, Isabelle Max-Audit, Dinh Kiet Truong, Mario Tosi, Michel Goossens, Serge Pissard</i>  |
| tmj04 | Soluble transferrin receptor and iron homeostasis<br><i>Mark Worwood</i>   |       |  |
| tmj05 | Neutrophil differentiation<br><i>David S. Grenda, Daniel C. Link</i>   | 31-37 | <i>Iron Metabolism</i><br>The soluble transferrin receptor as a marker of iron homeostasis in normal subjects and in <i>HFE</i> hemochromatosis<br><i>Mariana Brandão, José Carlos Oliveira, Fernanda Bravo, Júlia Reis, Isabel Garrido, Graça Porto</i>   |
| tmj06 | Is granulocyte colony-stimulating factor therapy a risk factor for myelodysplasia/leukemia in patients with congenital neutropenia?<br><i>Charlotte M. Niemeyer, Christian P. Kratz</i>  |       |  |
| tmj07 | Differences in anti-apoptotic and multidrug resistance phenotypes in elderly acute myeloid leukemia patients as compared to a control group of younger patients are related to the maturation characteristic of blast cells<br><i>Sabine Kasimir-Bauer</i> | 38-44 | <i>Phagocytes</i><br>Biosynthetic profiles of neutrophil serine proteases in a human bone marrow-derived cellular myeloid differentiation model<br><i>Daniel Garwicz, Andreas Lemnartsson, Sten Eirik W. Jacobsen, Urban Gullberg, Anders Lindmark</i>   |
| tmj08 | Vaccination against lymphoma<br><i>Matthias Zeis</i>   |       |  |
| tmj09 | Familial multiple myeloma<br><i>Daniel Catovsky</i>  | 45-53 | <i>Neutropenia</i><br>Analysis of risk factors for myelodysplasias, leukemias and death from infection among patients with congenital neutropenia. Experience of the <i>French Severe Chronic Neutropenia Study Group</i><br><i>Jean Donadieu, Thierry Leblanc, Brigitte Bader Meunier, Mohamed Barkaoui, Odile Fenneteau, Yves Bertrand, Micheline Maier-Redelsperger, Marguerite Micheau, Jean Louis Stephan, Noel Philippe, Pierre Bordigoni, Annie Babin-Boilletot, Philippe Bensaid, Anne Marie Manel, Etienne Vilmer, Isabelle Thuret, Stéphane Blanche, Eliane Gluckman, Alain Fischer, Françoise Mechinaud, Bertrand Joly, Thierry Lamy, Olivier Hermine, Bruno Cassinat, Christine Bellanné-Chantelot, Christine Chomienne</i><br><i>on behalf of the French Severe Chronic Neutropenia Study Group</i> |
| tmj10 | Splenectomy for treatment of immune thrombocytopenic purpura<br><i>Luca Malcovati, Matteo Giovanni Della Porta</i>   |       |  |
| tmj11 | Cytotoxic drugs, collection of stem cells and hematologic recovery after autologous transplantation<br><i>Norbert Schmitz</i>  |       |  |
| tmj12 | Immune reconstitution after allogeneic stem cell transplantation<br><i>Jerome Ritz</i>   |       |  |
| tmj13 | Standardized detection of SV40 by real-time quantitative polymerase chain reaction<br><i>Regis A. Vilchez</i>  | 54-59 | <i>Acute Myeloid Leukemia</i><br>Differences in anti-apoptotic and multidrug resistance phenotypes in elderly and young acute myeloid leukemia patients are related to the maturation of blast cells<br><i>Lilia Suárez, María Belén Vidriales, María-José Moreno, Antonio López, José García-Laraña, Cristina Pérez-López, Mar Tormo, Esperanza Lavilla, María Consuelo López-Berges, María de Santiago, Jesús F. San Miguel, Alberto Orfao for the PETHEMA Cooperative Group</i>   |

## Editorials and Perspectives

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|------|--|-------|---|
| 7-8  | A competitive European hematology journal<br><i>Mario Cazzola, Robin Foà</i> |       |   |
| 8-12 | Oxygen sensing<br><i>Matthew E. Cockman, Christopher W. Pugh</i>             | 60-65 | <i>Malignant Lymphomas</i><br>Modulatory effects of mycobacterial heat-shock protein 70 in DNA vaccination against lymphoma<br><i>Arcangelo Liso, Roberta Benedetti, Marta Fagioli, Angela Mariano, Brunangelo Falini</i> |

## Research Papers

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|-------|--|-------|---|
| 13-18 | <i>Red Cell Disorders</i><br>Genetic association analysis of chronic mountain sickness in an Andean high-altitude population<br><i>Olga M. Mejía, Josef T. Prchal, Fabiola León-Velarde, Abdías Hurtado, David W. Stockton</i> | 66-71 | <i>Monoclonal Gammopathies</i><br>Familiality of benign and malignant paraproteinemias. A population-based cancer-registry study of multiple myeloma families<br><i>Helga M. Ögmundsdóttir, Vilhelmina Haraldsdóttir, Guðmundur M. Jóhannesson, Guðrídur Ólafsdóttir, Kristín Bjarnadóttir, Helgi Sigvaldason, Hrafn Tulinius</i> |
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72-77	<b>Platelets</b> Efficacy and safety of splenectomy in immune thrombocytopenic purpura: long-term results of 402 cases <i>Nicola Vianelli, Monica Galli, Antonio de Vivo, Tamara Intermesoli, Benedetta Giannini, Maria Gabriella Mazzucconi, Tiziano Barbui, Sante Tura, Michele Baccarani on behalf of the Gruppo Italiano per lo studio delle Malattie Ematologiche dell'Adulto (GIMEMA)</i>	128-129	<b>Red Cell Disorders</b> Congenital polycythemia with homozygous and heterozygous mutations of von Hippel-Lindau gene: five new Caucasian patients <i>Maria Celeste Bento, Ko-Tung Chang, Yongli Guan, Enli Liu, Gabriela Caldas, Richard A. Gatti, Josef T. Prchal</i>
78-85	<b>Stem Cell Transplantation</b> Effect of pre-transplant cumulative doses of chemotherapeutic drugs on early and long-term hematologic recovery after autologous bone marrow transplantation for lymphoma <i>Alejandro Martín, José Antonio Pérez-Simón, María Dolores Caballero, Natalia López-Holgado, Lourdes Vázquez, María Consuelo del Cañizo, Jesús F. San Miguel</i>	129-131	<b>Red Cell Disorders</b> Sustained response to interferon $\alpha$ -2a in thalassemic patients with chronic hepatitis C. A prospective 8-year follow-up study <i>Vassiliki Syriopoulou, George L. Daikos, Stavroula L. Kostaridou, Nina Manolaki, Lydia Nakopoulou, Antonis Kattamis, Christos Kattamis</i>
86-93	<b>Stem Cell Transplantation</b> Immune reconstitution after allogeneic stem cell transplantation: the impact of stem cell source and graft-versus-host disease <i>Ingerid Weum Abrahamsen, Stig Somme, Dag Heldal, Torstein Egeland, Dag Kvale, Geir Erland Tjønnfjord</i>	131-133	<b>Chronic Myeloid Leukemia</b> Factors predicting molecular and cytogenetic response in chronic myeloid leukemia patients treated with imatinib <i>Catherine Roche-Lestienne, Stéphane Darré, Jean-Luc Lai, Thierry Facon, Joëlle Guilhot, Claude Preudhomme</i>
94-99	<b>Pediatric Hematology</b> Standardized detection of Simian virus by real-time quantitative polymerase chain reaction in pediatric malignancies <i>Susanne Heinsohm, Steffi Golta, Hartmut Kabisch, Udo zur Stadt</i>	133-134	<b>Chronic Myeloproliferative Disorders</b> Aberrant expression of platelet-derived growth factor (PDGF) and PDGF receptor $\alpha$ is associated with advanced bone marrow fibrosis in idiopathic myelofibrosis <i>Oliver Bock, Gero Loch, Guntram Büsche, Reinhard von Wasielewski, Jerome Schlué, Hans Kreipe</i>
<b>Progress in Hematology</b>		134-136	<b>Malignant Lymphomas</b> Is bone marrow trephine biopsy always mandatory in Hodgkin's disease staging? <i>Elena Cavalieri, Anna Paola Anselmo, Valentina Gianfelici, Natalia Frattarelli, Edoardo Pescarmona, Robin Foà, Alessandro Pulsoni</i>
100-108	<b>Hematopoietic Stem Cells</b> Embryonic beginnings of adult hematopoietic stem cells <i>Charles Durand, Elaine Dzierzak</i>	136-137	<b>Thrombosis</b> Relationships between white blood cell count and levels of serum homocysteine and cysteine in healthy subjects <i>Ciriaco Carru, Luca Deiana, Salvatore Sotgia, Maria Franca Usai, Angelo Zinellu</i>
<b>Molecular Basis of Disease</b>		137-139	<b>Thrombosis</b> Oral vitamin K produces a normal Internal Normalized Ratio within 24 hours of its administration in most patients discontinuing warfarin <i>Mark A. Crowther, Walter Ageno, Terri Schurr, Elisa Manfredi, Krys Kinnon, D. Garcia, James D. Douketis</i>
109-116	<b>Red Cell Disorders</b> Congenital polycythemias/erythrocytoses <i>Victor R. Gordeuk, David W. Stockton, Josef T. Prchal</i>	139-141	<b>Stem Cell Transplantation</b> Autologous stem cell transplantation for acute myeloid leukemia patients in first complete remission: a 10-year follow-up study of 118 patients <i>Alessandro Isidori, Francesca Bonifazi, Giuseppe Visani, Filippo Gherlizoni, Michele Baccarani, Roberto Massimo Lemoli</i>
<b>Decision Making and Problem Solving</b>		141-142	<b>Pediatric Hematology</b> Efficacy and safety of recombinant urate oxidase (rasburicase) for treatment and prophylaxis of hyperuricemia in children undergoing chemotherapy <i>Andrea Pession, Eveline Barbieri, Nicola Santoro, Paolo Paolucci, Fulvio Porta, Franco Locatelli</i>
117-125	<b>Waldenström's Macroglobulinemia</b> How we treat Waldenström's macroglobulinemia <i>Meletios A. Dimopoulos, Giampaolo Merlini, Veronique Leblond, Athanasios Anagnostopoulos, Raymond Alexanian</i>	<b>Continuing Medical Education</b>	
<b>Letters to the Editor</b>		143	Waldenström's macroglobulinemia
126-127	<b>Sports Hematology</b> Hematologic response to four weeks of intermittent hypobaric hypoxia in highly trained athletes <i>Rosario Abellán, Angel F. Remacha, Rosa Ventura, M. Pilar Sardá, Jordi Segura, Ferran A. Rodríguez</i>	144	Congenital neutropenia
		144	Congenital polycythemias/erythrocytoses