# Table of Contents

## Volume 99, Issue 3: March 2014

### Cover Figure

View inside the bone marrow (image created by www.somersault1824.com).

### Editorials & Perspectives

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>402</td>
<td>Post-translational arginylation as a novel regulator of platelet function</td>
<td>Markus Bender, et al.</td>
<td></td>
</tr>
<tr>
<td>404</td>
<td>Survey of professional competence in hematology in Europe</td>
<td>Eva Hellström Lindberg, et al.</td>
<td></td>
</tr>
<tr>
<td>408</td>
<td>Treatment of autologous stem cell transplant-eligible multiple myeloma patients: ten questions and answers</td>
<td>Mohamad Mohty, et al.</td>
<td></td>
</tr>
</tbody>
</table>

### Review Articles

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>417</td>
<td>Co-operating STAT5 and AKT signaling pathways in chronic myeloid leukemia and mastocytosis: possible new targets of therapy</td>
<td>Siham Bibi, et al.</td>
<td></td>
</tr>
</tbody>
</table>

### Articles

#### Hematopoiesis

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>448</td>
<td>In vivo generation of decidual natural killer cells from resident hematopoietic progenitors</td>
<td>Laura Chiossone, et al.</td>
<td></td>
</tr>
</tbody>
</table>

#### Chronic Myeloid Leukemia

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>458</td>
<td>Achieving deeper molecular response is associated with a better clinical outcome in chronic myeloid leukemia patients on imatinib front-line therapy</td>
<td>Gabriel Etienne, et al.</td>
<td></td>
</tr>
</tbody>
</table>

#### Acute Myeloid Leukemia

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Ref.</th>
</tr>
</thead>
</table>
Non-Hodgkin Lymphoma

481 Early lesions of follicular lymphoma: a genetic perspective
Emilie Mamessier, et al.

489 Outcome prediction of diffuse large B-cell lymphomas associated with hepatitis C virus infection: a study on behalf of the Fondazione Italiana Linfomi
Michele Merli, et al.

497 Primary cold agglutinin-associated lymphoproliferative disease: a B-cell lymphoma of the bone marrow distinct from lymphoplasmacytic lymphoma
Ulla Randen, et al.

505 Autologous stem cell transplantation after conditioning with yttrium-90 ibritumomab tiuxetan plus BEAM in refractory non-Hodgkin diffuse large B-cell lymphoma: results of a prospective, multicenter, phase II clinical trial
Javier Briones, et al.

Multiple Myeloma

511 Circulating serum microRNAs as novel diagnostic and prognostic biomarkers for multiple myeloma and monoclonal gammopathy of undetermined significance
Lenka Kubiczkova, et al.

Stem Cell Transplantation

519 Pre-transplant prognostic factors of long-term survival after allogeneic peripheral blood stem cell transplantation with matched related/unrelated donors
Sophie Servais, et al.

527 Allogeneic stem cell transplantation for advanced cutaneous T-cell lymphomas: a study from the French Society of Bone Marrow Transplantation and French Study Group on Cutaneous Lymphomas
Adèle de Masson, et al.

535 Cost-effectiveness and clinical outcomes of double versus single cord blood transplantation in adults with acute leukemia in France
Myriam Labopin, et al.

541 High pre-transplant serum nitrate levels predict risk of acute steroid-refractory graft-versus-host disease in the absence of statin therapy
Sascha Dietrich, et al.

548 Quality of life associated with sirolimus for prevention of graft-versus-host disease: results from a randomized trial
Heather S.L. Jim, et al.

Blood Coagulation and its Disorders

554 Loss of ATE1-mediated arginylation leads to impaired platelet myosin phosphorylation, clot retraction, and in vivo thrombosis formation
Lurong Lian, et al.

561 Distinct frequencies and mutation spectrums of genetic thrombophilia in Korea in comparison with other Asian countries both in patients with thromboembolism and in the general population
Hoe-Jin Kim, et al.

Red Cell Biology and its Disorders

570 Thalassemic erythrocytes release microparticles loaded with hemichromes by redox activation of p72Syk kinase
Emanuela Ferru, et al.

Iron Metabolism and its Disorders

579 The effect of iron loading and iron chelation on the innate immune response and subclinical organ injury during human endotoxemia: a randomized trial
Lucas T. van Eijk, et al.
Immunotherapy

Combination peptide immunotherapy suppresses antibody and helper T-cell responses to the RhD protein in HLA-transgenic mice
Lindsay S. Hall, et al.

Letters to the Editor
Letters are available online only at www.haematologica.org/content/99/3.toc

e30 Genetic thrombophilia and natural anticoagulants: importance of polymorphisms within and outside the genes
Shrimati Shetty, et al.
http://www.haematologica.org/content/99/3/e30

e31 The myelodysplastic syndrome-comorbidity index provides additional prognostic information on patients stratified according to the revised international prognostic scoring system
Esther Zipperer, et al.
http://www.haematologica.org/content/99/3/e31

e33 Subcutaneous bortezomib incorporated into the bortezomib-thalidomide-dexamethasone regimen as part of front-line therapy in the context of autologous stem cell transplantation for multiple myeloma
Anne Lok, et al.
http://www.haematologica.org/content/99/3/e33

e35 Serum hepcidin following autologous hematopoietic cell transplantation: an illustration of the interplay of iron status, erythropoiesis and inflammation
Aurélie Jaspers, et al.
http://www.haematologica.org/content/99/3/e35

A decisional algorithm to start iron chelation in patients with beta thalassemia
Fabrice Danjou, et al.
http://www.haematologica.org/content/99/3/e38

Post-thrombotic syndrome is an independent determinant of health-related quality of life following both first proximal and distal deep vein thrombosis
Lara N. Roberts, et al.
http://www.haematologica.org/content/99/3/e41

Effect of busulfan on JAK2V617F allele burden
Maria Luigia Randi, et al.
http://www.haematologica.org/content/99/3/e44