## Table of Contents

**Volume 102, Issue 5: May 2017**

### Cover Figure

Structure of the hemochromatosis protein (also known as the HFE protein) (image generated by www.somersault1824.com).

### Editorials

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>805</td>
<td>Acute myeloid leukemia including favorable-risk group samples engraft in NSG mice: just be patient</td>
<td>Dominique Bonnet</td>
</tr>
<tr>
<td>806</td>
<td>Better acute graft-versus-host disease outcomes for allogeneic transplant recipients in the modern era: a tacrolimus effect?</td>
<td>Mahasweta Gooptu and John Koreth</td>
</tr>
</tbody>
</table>

### Review Article

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>809</td>
<td>Pathophysiological consequences and benefits of HFE mutations: 20 years of research</td>
<td>Ina Hollerer et al.</td>
</tr>
</tbody>
</table>

### Articles

#### Hematopoiesis

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>818</td>
<td>Bone marrow mesenchymal stromal cells induce nitric oxide synthase-dependent differentiation of CD11b+ cells that expedite hematopoietic recovery</td>
<td>Cristina Trento et al.</td>
</tr>
</tbody>
</table>

#### Red Cell Biology & its Disorders

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>826</td>
<td>Loss of Forkhead box M1 promotes erythropoiesis through increased proliferation of erythroid progenitors</td>
<td>Minyoung Youn et al.</td>
</tr>
</tbody>
</table>

#### Hemostasis

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>835</td>
<td>Obstetric antiphospholipid syndrome: early variations of angiogenic factors are associated with adverse outcomes</td>
<td>Eva Cochery-Nouvellon et al.</td>
</tr>
</tbody>
</table>

#### Chronic Myeloid Leukemia

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>843</td>
<td>Increased peroxisome proliferator-activated receptor γ activity reduces imatinib uptake and efficacy in chronic myeloid leukemia mononuclear cells</td>
<td>Jueqiong Wang et al.</td>
</tr>
</tbody>
</table>

#### Acute Myeloid Leukemia

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>854</td>
<td>Long-term observation reveals high-frequency engraftment of human acute myeloid leukemia in immunodeficient mice</td>
<td>Anna M. Paccolla et al.</td>
</tr>
<tr>
<td>865</td>
<td>Minimal residual disease prior to allogeneic hematopoietic cell transplantation in acute myeloid leukemia: a meta-analysis</td>
<td>Sarah A. Buckley et al.</td>
</tr>
</tbody>
</table>

#### Chronic Lymphocytic Leukemia

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>874</td>
<td>Lymphocyte activation gene 3: a novel therapeutic target in chronic lymphocytic leukemia</td>
<td>Mika Shapiro et al.</td>
</tr>
</tbody>
</table>
Non-Hodgkin Lymphoma

883  c-Myc dysregulation is a co-transforming event for nuclear factor-κB activated B cells
Amandine David et al.

895  Association between quality of response and outcomes in patients with newly diagnosed mantle cell lymphoma receiving VR-CAP versus R-CHOP in the phase 3 LYM-3002 study
Gregor Verhoef et al.

903  Safety and efficacy of abexinostat, a pan-histone deacetylase inhibitor, in non-Hodgkin lymphoma and chronic lymphocytic leukemia: results of a phase II study
Vincent Ribrag, et al.

Plasma Cell Disorders

910  A concise revised Myeloma Comorbidity Index as a valid prognostic instrument in a large cohort of 801 multiple myeloma patients
Monika Engelhardt et al.

922  Recovery of polyclonal immunoglobulins one year after autologous stem cell transplantation as a long-term predictor marker of progression and survival in multiple myeloma
Veronica Gonzalez-Calero et al.

Cell Therapy & Immunotherapy

932  Plasma-derived proteomic biomarkers in human leukocyte antigen-haploidentical or human leukocyte antigen-matched bone marrow transplantation using post-transplantation cyclophosphamide
Christopher G. Kanakry et al.

941  The effect of inter-unit HLA matching in double umbilical cord blood transplantation for acute leukemia
Claudio Brunstein et al.

948  IL-2 promotes early Treg reconstitution after allogeneic hematopoietic cell transplantation
Brian C. Betts et al.

958  Improved survival after acute graft-versus-host disease diagnosis in the modern era
Hanna J. Khoury et al.

Letters to the Editor

Letters are available online only at www.haematologica.org/content/102/5.toc

e163  Prostacyclin-analog therapy in sickle cell pulmonary hypertension
Nargues A. Weir et al.
http://www.haematologica.org/content/102/5/e163

e166  Prospective study of thrombosis and thrombospondin-1 expression in Chuvash polycythemia
Adelina Sergueeva et al.
http://www.haematologica.org/content/102/5/e166

e170  Suppression of RUNX1/ETO oncogenic activity by a small molecule inhibitor of tetramerization
Julia Schanda et al.
http://www.haematologica.org/content/102/5/e170

e175  Hyperlipidemia is a risk factor for osteonecrosis in children and young adults with acute lymphoblastic leukemia
Signe Sloth Mogensen et al.
http://www.haematologica.org/content/102/5/e175

e179  Infection as a cause of childhood leukemia: virus detection employing whole genome sequencing
Christoph Bartenhagen et al.
http://www.haematologica.org/content/102/5/e179
| e184 | Hyper-CVAD + epratuzumab as a salvage regimen for younger patients with relapsed/refractory CD22-positive precursor B-cell acute lymphoblastic leukemia  
Patrice Chevallier et al.  
http://www.haematologica.org/content/102/5/e184 |
| e187 | BCR-ABL translocation as a favorable prognostic factor in elderly patients with acute lymphoblastic leukemia in the era of potent tyrosine kinase inhibitors  
Ja Min Byun et al.  
http://www.haematologica.org/content/102/5/e187 |
| e191 | The Bruton tyrosine kinase inhibitor ibrutinib abrogates triggering receptor on myeloid cells 1-mediated neutrophil activation  
Nicole Stadler et al.  
http://www.haematologica.org/content/102/5/e191 |
| e195 | Deltex-1 mutations predict poor survival in diffuse large B-cell lymphoma  
Leo Meriranta et al.  
http://www.haematologica.org/content/102/5/e195 |
| e199 | Genetic polymorphism at BCL2 as a predictor for rituximab, cyclophosphamide, doxorubicin, vincristine and prednisone efficacy in patients with diffuse large B-cell lymphoma  
Morteza Bashash et al.  
http://www.haematologica.org/content/102/5/e199 |
| e203 | Second-line rituximab, lenalidomide, and bendamustine in mantle cell lymphoma: a phase II clinical trial of the Fondazione Italiana Linfomi  
Francesco Zaja et al.  
http://www.haematologica.org/content/102/5/e203 |

**Case Reports**

Case Reports are available online only at www.haematologica.org/content/102/5.toc

| e207 | Changes in allele frequencies of CSF3R and SETBP1 mutations and evidence of clonal evolution in a chronic neutrophilic leukemia patient treated with ruxolitinib  
Zohra Nooruddin et al.  
http://www.haematologica.org/content/102/5/e207 |
| e210 | Repeated fecal microbiota transplantations attenuate diarrhea and lead to sustained changes in the fecal microbiota in acute, refractory gastrointestinal graft-versus-host-disease  
Walter Spindelboeck et al.  
http://www.haematologica.org/content/102/5/e210 |

**Comments**

Comments are available online only at www.haematologica.org/content/102/5.toc

| e214 | The TP53 Pro72Arg SNP in de novo acute myeloid leukemia  
Eduard Schulz and Heinz Sill  
http://www.haematologica.org/content/102/5/e214 |