Table of Contents
Volume 99, Issue 7: July 2014

Cover Figure
Artistic impression of B lymphopoiesis.
(image created by www.somersault1824.com)

Editorials & Perspectives
1123 Extending the reach of nilotinib in chronic myeloid leukemia
    Michael J. Mauro
    → Commenting on the article on page 1204.
1124 Hematologic malignancies in elderly patients
    Moustapha Hassan, et al.
1127 Anemia in the elderly: clinical implications and new therapeutic concepts
    Reinhard Stauder, et al.
1130 How we diagnose neutropenia in the adult and elderly patient
    Jan Palmblad, et al.
1133 Age and aging in blood disorders: multiple myeloma
    Sonja Zweegman, et al.

These four editorials are linked to the EHA theme of the year 2013-2014 on Age and Aging in Blood Disorders

Review Articles
1138 The outcome of B-cell receptor signaling in chronic lymphocytic leukemia: proliferation or anergy
    Graham Packham, et al.

Articles
Hemopoiesis
1149 Connective tissue growth factor is expressed in bone marrow stromal cells and promotes interleukin-7-dependent B lymphopoiesis
    Laurence C. Cheung, et al.
    → This article has a graphical abstract

1157 Targeted shRNA screening identified critical roles of pleckstrin-2 in erythropoiesis
    Baobing Zhao, et al.

Aplastic Anemia
1168 Bone marrow mesenchymal stem cells from patients with aplastic anemia maintain functional and immune properties and do not contribute to the pathogenesis of the disease
    Clara Bueno, et al.

Myelodysplastic Syndromes
1176 A phase II multicenter rabbit anti-thymocyte globulin trial in patients with myelodysplastic syndromes identifying a novel model for response prediction
    Ramli S. Komrokji, et al.
    → This article has a graphical abstract

Myeloproliferative Disorders
1184 Distinct clinical characteristics of myeloproliferative neoplasms with calreticulin mutations
    Hajnalca Andrikovics, et al.
Chronic Myeloid Leukemia
1191 Efficacy and safety of radotinib in chronic phase chronic myeloid leukemia patients with resistance or intolerance to BCR-ABL1 tyrosine kinase inhibitors
Sung-Hyun Kim, et al.

1197 Early onset hypercholesterolemia induced by the 2nd-generation tyrosine kinase inhibitor nilotinib in patients with chronic phaé-chronic myeloid leukemia
Delphine Rea, et al.

1204 Safety and efficacy of switching to nilotinib 400 mg twice daily for patients with chronic myeloid leukemia in chronic phase with suboptimal response or failure on front-line imatinib or nilotinib 300 mg twice daily
Timothy P. Hughes, et al.
→ This article has a graphical abstract

Acute Lymphoblastic Leukemia
1212 Pediatric posttransplant relapsed/refractory B-precursor acute lymphoblastic leukemia shows durable remission by therapy with the T-cell engaging bispecific antibody blinatumomab
Patrick Schlegel, et al.

1220 Dexamethasone (6 mg/m2/day) and prednisolone (60 mg/m2/day) were equally effective as induction therapy for childhood acute lymphoblastic leukemia in the EORTC CLG 58951 randomized trial
Carine Domenech, et al.

Non-Hodgkin Lymphoma
1228 Detection and outcome of occult leptomeningeal disease in diffuse large B-cell lymphoma and Burkitt lymphoma
Wyndham H. Wilson, et al.

Multiple Myeloma
1236 Age is a prognostic factor even among patients with multiple myeloma younger than 66 years treated with high-dose melphalan: the IFM experience on 2316 patients
Marie-Lorraine Chretien, et al.

1239 Clinical diagnosis and typing of systemic amyloidosis in subcutaneous fat aspirates by mass spectrometry-based proteomics
Julie A. Vrana, et al.

Cell Therapy and Immunotherapy
1248 Recognition of adult and pediatric acute lymphoblastic leukemia blasts by natural killer cells
Giovanni F. Torelli, et al.
→ This article has a graphical abstract

Infectious Complications
1255 Induction of A. fumigatus-specific CD4-positive T cells in patients recovering from invasive aspergillosis
Hetty Jolink, et al.

Platelet Disorders
1264 Rituximab and three dexamethasone cycles provide responses similar to splenectomy in women and those with immune thrombocytopenia of less than two years duration
James B. Bussel, et al.

Errata Corrige
1272 Variations in non-pharmacological anti-infective measures in childhood leukemia – results of an international survey
Thomas Lehrnbecher, et al.
Letters to the Editor

Letters are available online only at www.haematologica.org/content/99/7.toc

**e98** Clinical and biological characterization of patients with low (0.1-2%) JAK2V617F allele burden at diagnosis
Eric Lippert, et al.
http://www.haematologica.org/content/99/7/e98

**e102** Desensitization protocol should not be used in acute lymphoblastic leukemia patients with silent inactivation of PEGasparaginase
Wing H. Tong, et al.
http://www.haematologica.org/content/99/7/e102

**e105** STAT3 mutations are present in aggressive B-cell lymphomas including a subset of diffuse large B-cell lymphomas with CD30 expression
Robert S. Ohgami, et al.
http://www.haematologica.org/content/99/7/e105

**e108** Ibritumomab tiuxetan plus BEAM in refractory diffuse large B-cell lymphoma
Vít Procházka, et al.
http://www.haematologica.org/content/99/7/e108

**e109** Targeted resequencing of 52 bone marrow failure genes in patients with aplastic anemia reveals an increased frequency of novel variants of unknown significance only in SLX4
Laura C. Collopy, et al.
http://www.haematologica.org/content/99/7/e109

**e112** Investigating the real role of HIF-1 and HIF-2 in iron recycling by macrophages
Jacques R.R. Mathieu, et al.
http://www.haematologica.org/content/99/7/e112

**e115** Red blood cell immunization in sickle cell disease: evidence of a large responder group and a low rate of anti-Rh linked to partial Rh phenotype
Monique Silvy, et al.
http://www.haematologica.org/content/99/7/e115

**e118** Hepcidin levels in Diamond-Blackfan anemia reflect erythropoietic activity and transfusion dependency
Dagmar Pospisilova, et al.
http://www.haematologica.org/content/99/7/e118

**e122** Label-free quantitation of phosphopeptide changes in erythrocyte membranes: towards molecular mechanisms underlying deformability alterations in stored red blood cells
Valentina Longo, et al.
http://www.haematologica.org/content/99/7/e122

**e126** Autologous stem cell transplantation after conditioning with yttrium-90 ibritumomab tiuxetan BEAM in refractory non-Hodgkin diffuse large B-cell lymphoma: results of a prospective, multicenter, phase II clinical trial
Javier Briones, et al.
http://www.haematologica.org/content/99/7/e126