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Volume 104, Issue 10: October 2019

### Cover Figure

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Peripheral blood buffy coat smear showing phagocytosis of red blood cells by neutrophils and monocytes in a patient with autoimmune hemolytic anemia. Courtesy of Prof. Rosangela Invernizzi.

### Editorials

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- 1907** The stromal microenvironment provides an escape route from FLT3 inhibitors through the GAS6-AXL-STAT5 axis  
*Anna Orlova et al.*
- 1909** Pediatric aplastic anemia treatment patterns and responses; power in the numbers  
*Lucy C. Fox and David S. Ritchie*
- 1912** Mastering the multitude of monocytoses  
*Ulrich Germing and Norbert Gattermann*
- 1914** p66Shc deficiency sets the scene for clinically aggressive chronic lymphocytic leukemia  
*Richard Rosenquist*
- 1916** Hereditary thrombotic thrombocytopenic purpura  
*Marie Scully*

### Review Articles

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- 1919** To be red or white: lineage commitment and maintenance of the hematopoietic system by the “inner myeloid”  
*Hiroki Kato and Kazuhiko Igarashi*
- 1928** Updates on the hematologic tumor microenvironment and its therapeutic targeting  
*Dorian Forte et al.*

### Guideline Article

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- 1935** Proposed diagnostic criteria for classical chronic myelomonocytic leukemia (CMML), CMML variants and pre-CMML conditions  
*Peter Valent et al.*

### Articles

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#### *Hematopoiesis*

- 1950** Bone marrow endothelial cell-derived interleukin-4 contributes to thrombocytopenia in acute myeloid leukemia  
*Ai Gao et al.*

#### *Bone Marrow Failure*

- 1962** Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients  
*Minako Mori et al.*
- 1974** Immunosuppressive therapy for pediatric aplastic anemia: a North American Pediatric Aplastic Anemia Consortium study  
*Zora R. Rogers et al.*

#### *Red Cell Biology and its Disorders*

- 1984** Deletion of a flippase subunit *Tmem30a* in hematopoietic cells impairs mouse fetal liver erythropoiesis  
*Fan Yang et al.*

#### *Phagocyte Biology and its Disorders*

- 1995** Senescence-accelerated mice (SAMP1/TA-1) treated repeatedly with lipopolysaccharide develop a condition that resembles hemophagocytic lymphohistiocytosis  
*Isao Tsuboi et al.*

*Acute Myeloid Leukemia*

- 2006** Arrayed molecular barcoding identifies TNFSF13 as a positive regulator of acute myeloid leukemia-initiating cells  
*Marion Chapellier et al.*
- 2017** Hematopoietic niche drives FLT3-ITD acute myeloid leukemia resistance to quizartinib *via* STAT5- and hypoxia-dependent upregulation of AXL  
*Pierre-Yves Dumas et al.*

*Acute Lymphoblastic Leukemia*

- 2028** A systematic literature review and meta-analysis of minimal residual disease as a prognostic indicator in adult B-cell acute lymphoblastic leukemia  
*Renato Bassan et al.*

*Chronic Lymphocytic Leukemia*

- 2040** p66Shc deficiency in the E $\mu$ -TCL1 mouse model of chronic lymphocytic leukemia enhances leukemogenesis by altering the chemokine receptor landscape  
*Laura Patrussi et al.*
- 2053** Olaptosed pegol (NOX-A12) with bendamustine and rituximab: a phase IIa study in patients with relapsed/refractory chronic lymphocytic leukemia  
*Michael Steurer et al.*

*Plasma Cell Disorders*

- 2061** Histone deacetylase inhibition in combination with MEK or BCL-2 inhibition in multiple myeloma  
*Vijay G. Ramakrishnan et al.*

*Platelet Biology & its Disorders*

- 2075** Anti-apoptotic *BCL2L2* increases megakaryocyte proplatelet formation in cultures of human cord blood  
*Seema Bhatlekar et al.*
- 2084** Complications of whole-exome sequencing for causal gene discovery in primary platelet secretion defects  
*Marcin M. Gorski et al.*

*Hemostasis*

- 2091** Defective AP-3-dependent VAMP8 trafficking impairs Weibel-Palade body exocytosis in Hermansky-Pudlak syndrome type 2 blood outgrowth endothelial cells  
*Ellie Karampini et al.*

*Coagulation & its Disorders*

- 2100** Mode of delivery in hemophilia: vaginal delivery and Cesarean section carry similar risks for intracranial hemorrhages and other major bleeds  
*Nadine G. Andersson et al.*
- 2107** The International Hereditary Thrombotic Thrombocytopenic Purpura Registry: key findings at enrollment until 2017  
*Hendrika A. van Dorland et al.*

## Errata Corrige

- 2116** Recurrent stroke: the role of thrombophilia in a large international pediatric stroke population  
*Gabrielle deVeber et al.*

## Letters to the Editor

Letters are available online only at [www.haematologica.org/content/104/10.toc](http://www.haematologica.org/content/104/10.toc)

- e438** Apoptotic mesenchymal stromal cells induce prostaglandin E2 in monocytes: implications for the monitoring of mesenchymal stromal cell activity  
*Tik Shing Cheung et al.*  
<http://www.haematologica.org/content/104/10/e438>

- e442** Genetic loss of *Tmprss6* alters terminal erythroid differentiation in a mouse model of  $\beta$ -thalassemia intermedia  
*David B. Stagg et al.*  
<http://www.haematologica.org/content/104/10/e442>
- e447** Escape hematopoiesis by HLA-B5401-lacking hematopoietic stem progenitor cells in men with acquired aplastic anemia  
*Mahmoud I. Elbadry et al.*  
<http://www.haematologica.org/content/104/10/e447>
- e451** Red cell autoimmunization and alloimmunization in myelodysplastic syndromes: prevalence, characteristic and significance  
*Rakchha Chhetri et al.*  
<http://www.haematologica.org/content/104/10/e451>
- e455** *NUTM1* is a recurrent fusion gene partner in B-cell precursor acute lymphoblastic leukemia associated with increased expression of genes on chromosome band 10p12.31-12.2  
*Femke M. Hormann et al.*  
<http://www.haematologica.org/content/104/10/e455>
- e460** A clinico-molecular predictor identifies follicular lymphoma patients at risk of early transformation after first-line immunotherapy  
*Chloé B. Steen et al.*  
<http://www.haematologica.org/content/104/10/e460>
- e465** The transcriptomic profile of CD138<sup>+</sup> cells from patients with early progression from smoldering to active multiple myeloma remains substantially unchanged  
*Paola Storti et al.*  
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- e470** Bone marrow characteristics predict outcome in a multicenter cohort of primary immune thrombocytopenia patients treated with thrombopoietin analogs  
*Bruno Fattizzo et al.*  
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- e474** Extended anticoagulant therapy in venous thromboembolism: a balanced, fractional factorial, clinical vignette-based study  
*Vincent ten Cate et al.*  
<http://www.haematologica.org/content/104/10/e474>
- e478** T-cell replete haploidentical bone marrow transplantation and post-transplant cyclophosphamide for patients with inborn errors  
*Mathias Kurzay et al.*  
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## Case Reports

Case Reports are available online only at [www.haematologica.org/content/104/10.toc](http://www.haematologica.org/content/104/10.toc)

- e483** Immunodeficiency, autoimmune thrombocytopenia and enterocolitis caused by autosomal recessive deficiency of *PIK3CD*-encoded phosphoinositide 3-kinase  $\delta$   
*David J. Swan et al.*  
<http://www.haematologica.org/content/104/10/e483>
- e487** Efficiency of blinatumomab in a t(8;21) acute myeloid leukemia expressing CD19  
*Adriana Plesa et al.*  
<http://www.haematologica.org/content/104/10/e487>
- e489** Clonal sequence tracking reveals *TET2*-mutated extranodal NK/T-cell lymphoma disseminated independent of Epstein Barr virus  
*Chang-Tsu Yuan et al.*  
<http://www.haematologica.org/content/104/10/e489>

## Comment

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- e493** *IGHV1* status in chronic lymphocytic leukemia identify ethnic groups with an aggressive clinical course  
*Teresa Amato et al.*  
<http://www.haematologica.org/content/104/10/e493>