



COVER FIGURE

Induction of interferon-induced transmembrane protein 3 (IFITM3) in human megakaryocytes prevents dengue virus infection. Mature CD34⁺-derived megakaryocytes expressing IFITM3 (magenta) are protected against dengue virus infection (yellow). Nuclei were stained with TO-PRO-3 (blue). See the article by Campbell et al on page 2013.

BLOOD COMMENTARIES

2001 | The role of the megakaryocyte in immunity has gone viral

Eric Boilard and Louis Flamand
Comment on Campbell et al, page 2013

2003 | Ibrutinib: the home run for cure in CLL?

Clemens-Martin Wendtner
Comment on Byrd et al, page 2031

2004 | IFN- γ binds TPO to inhibit hematopoiesis

Diane S. Krause
Comment on Alvarado et al, page 2043

2006 | Ibrutinib is safer than we think

Joseph R. Slupsky
Comment on Morande et al, page 2056

2007 | Selective CD117⁺ HSC exchange therapy

Markus G. Manz and Norman F. Russkamp
Comment on Pang et al, page 2069

2010 | Your tired, your poor, your huddled masses

Russell E. Ware and Courtney D. Thornburg
Comment on De Franceschi et al, page 2100

PLENARY PAPER

2013 | Human megakaryocytes possess intrinsic antiviral immunity through regulated induction of IFITM3

Robert A. Campbell, Hansjorg Schwertz, Eugenio D. Hottz, Jesse W. Rowley, Bhanu Kanth Manne, A. Valance Washington, Robert Hunter-Mellado, Neal D. Tolley, Miles Christensen, Alicia S. Eustes, Emilie Montenont, Seema Bhatlekar, Cassandra H. Ventrone, Beth D. Kirkpatrick, Kristen K. Pierce, Stephen S. Whitehead, Sean A. Diehl, Paul F. Bray, Guy A. Zimmerman, Yasuhiro Kosaka, Patricia T. Bozza, Fernando A. Bozza, Andrew S. Weyrich, and Matthew T. Rondina

BLOOD SPOTLIGHT

2027 | Fostamatinib for the treatment of chronic immune thrombocytopenia

Nathan T. Connell and Nancy Berliner

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CLINICAL TRIALS AND OBSERVATIONS

2031 | Long-term follow-up of the RESONATE phase 3 trial of ibrutinib vs ofatumumab

John C. Byrd, Peter Hillmen, Susan O'Brien, Jacqueline C. Barrientos, Nishitha M. Reddy, Steven Coutre, Constantine S. Tam, Stephen P. Mulligan, Ulrich Jaeger, Paul M. Barr, Richard R. Furman, Thomas J. Kipps, Patrick Thornton, Carol Moreno, Marco Montillo, John M. Pagel, Jan A. Burger, Jennifer A. Woyach, Sandra Dai, Remus Vezen, Danelle F. James, and Jennifer R. Brown

HEMATOPOIESIS AND STEM CELLS

2043 | Eltrombopag maintains human hematopoietic stem and progenitor cells under inflammatory conditions mediated by IFN- γ

Luigi J. Alvarado, Heather D. Huntsman, Hai Cheng, Danielle M. Townsley, Thomas Winkler, Xingmin Feng, Cynthia E. Dunbar, Neal S. Young, and Andre Larochelle

LYMPHOID NEOPLASIA

2056 | Ibrutinib therapy downregulates AID enzyme and proliferative fractions in chronic lymphocytic leukemia

Pablo Elías Morande, Mariela Sivina, Angimar Uriepero, Noé Seija, Catalina Berca, Pablo Fresia, Ana Inés Landoni, Javier M. Di Noia, Jan A. Burger, and Pablo Opezzo

MYELOID NEOPLASIA

2069 | Anti-CD117 antibody depletes normal and myelodysplastic syndrome human hematopoietic stem cells in xenografted mice

Wendy W. Pang, Agnieszka Czechowicz, Aaron C. Logan, Rashmi Bhardwaj, Jessica Poyser, Christopher Y. Park, Irving L. Weissman, and Judith A. Shizuru

PHAGOCYTES, GRANULOCYTES, AND MYELOPOIESIS

2079 | PTEN α promotes neutrophil chemotaxis through regulation of cell deformability

Yunqiao Li, Yuan Jin, Bowen Liu, Dan Lu, Minglu Zhu, Yan Jin, Michael A. McNutt, and Yuxin Yin

THROMBOSIS AND HEMOSTASIS

2090 | Mouse venous thrombosis upon silencing of anticoagulants depends on tissue factor and platelets, not FXII or neutrophils

Marco Heestermans, Salam Salloum-Asfar, Tom Streef, El Houari Laghmani, Daniela Salvatori, Brenda M. Luken, Sacha S. Zeerleder, Henri M. H. Spronk, Suzanne J. Korporaal, Daniel Kirchhofer, Gerry T. M. Wagenaar, Henri H. Versteeg, Pieter H. Reitsma, Thomas Renné, and Bart J. M. van Vlijmen

LETTERS TO BLOOD

2100 | Access to emergency departments for acute events and identification of sickle cell disease in refugees

Lucia De Franceschi, Caterina Lux, Frédéric B. Piel, Barbara Giancesin, Federico Bonetti, Maddalena Casale, Giovanna Graziadei, Roberto Lisi, Valeria Pinto, Maria Caterina Putti, Paolo Rigano, Rossellina Rosso, Giovanna Russo, Vincenzo Spadola, Claudio Pulvirenti, Monica Rizzi, Filippo Mazzi, Giovanbattista Ruffo, and Gian Luca Forni



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2104 | Anti-human CD117 antibody-mediated bone marrow niche clearance in nonhuman primates and humanized NSG mice

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BLOOD WORK

2109 | Concurrent diagnosis of classical Hodgkin lymphoma and Langerhans cell histiocytosis

Lorena Panaite and Mazyar Shadman

OTHER DEPARTMENTS

vb | Classifieds



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