



COVER FIGURE

Immunofluorescence image of the spleen from a mouse with T-cell acute lymphoblastic leukemia (T-ALL). Tumor-associated myeloid cells (F4/80⁺ in red, CD11c⁺ in magenta) colocalize with T-ALL cells (green) and provide signals to directly support disease progression. See the article by Lyu et al on page 1837.

BLOOD COMMENTARIES

1797 | Intensive but tender care for infant ALL

Hiroto Inaba and Ching-Hon Pui

Comment on Tomizawa et al, page 1813

1799 | Myeloid cells hold the master key for T-ALL spread

Diana Passaro

Comment on Lyu et al, page 1837

1800 | Toward classifying the unclassifiable

Eric Padron

Comment on Palomo et al, page 1851

HOW I TREAT

1803 | How I treat relapsed acute lymphoblastic leukemia in the pediatric population

Stephen P. Hunger and Elizabeth A. Raetz

CLINICAL TRIALS AND OBSERVATIONS

1813 | CME Article

A risk-stratified therapy for infants with acute lymphoblastic leukemia: a report from the JPLSG MLL-10 trial

Daisuke Tomizawa, Takako Miyamura, Toshihiko Imamura, Tomoyuki Watanabe, Akiko Moriya Saito, Atsushi Ogawa, Yoshihiro Takahashi, Masahiro Hirayama, Tomohiko Taki, Takao Deguchi, Toshinori Hori, Masashi Sanada, Shigeru Ohmori, Masami Haba, Akihiro Iguchi, Yuki Arakawa, Yuhki Koga, Atsushi Manabe, Keizo Horibe, Eiichi Ishii, and Katsuyoshi Koh

HEMATOPOIESIS AND STEM CELLS

1824 | Yap1-Scribble polarization is required for hematopoietic stem cell division and fate

Mark J. Althoff, Ramesh C. Nayak, Shailaja Hegde, Ashley M. Wellendorf, Breanna Bohan, Marie-Dominique Filippi, Mei Xin, Q. Richard Lu, Hartmut Geiger, Yi Zheng, Maria T. Diaz-Meco, Jorge Moscat, and Jose A. Cancelas

LYMPHOID NEOPLASIA

1837 | Tumor-associated myeloid cells provide critical support for T-ALL

Aram Lyu, Todd A. Triplett, Seo Hee Nam, Zicheng Hu, Dhivya Arasappan, Wesley H. Godfrey, Rachel Y. Ames, Adviti Sarang, Hilary J. Selden, Chang-Han Lee, George Georgiou, Terzah M. Horton, and Lauren I. R. Ehrlich

Continued on xii

MYELOID NEOPLASIA

1851 | Molecular landscape and clonal architecture of adult myelodysplastic/myeloproliferative neoplasms

Laura Palomo, Manja Meggendorfer, Stephan Hutter, Sven Twardziok, Vera Ademà, Irene Fuhrmann, Francisco Fuster-Tormo, Blanca Xicoy, Lurdes Zamora, Pamela Acha, Cassandra M. Kerr, Wolfgang Kern, Jaroslaw P. Maciejewski, Francesc Solé, Claudia Haferlach, and Torsten Haferlach

THROMBOSIS AND HEMOSTASIS

1863 | Plasma levels of growth differentiation factor 15 are associated with future risk of venous thromboembolism

Ellen-Sofie Hansen, Kristian Hindberg, Nadezhda Latysheva, Pål Aukrust, Thor Ueland, John-Bjarne Hansen, Sigrid K. Brækkan, Vânia M. Morelli, and the INVENT Consortium

VASCULAR BIOLOGY

1871 | VEGF-C protects the integrity of the bone marrow perivascular niche in mice

Shentong Fang, Shuo Chen, Harri Nurmi, Veli-Matti Leppänen, Michael Jeltsch, David Scadden, Lev Silberstein, Hanna Mikkola, and Kari Alitalo

LETTERS TO BLOOD

1884 | Reevaluation of excessive erythrocytosis in diagnosing chronic mountain sickness in men from the world's highest city

Laura Oberholzer, Carsten Lundby, Emeric Stauffer, Mathilde Ulliel-Roche, Ivan Hanco, Aurélien Pichon, Anne-Kristine Meinild Lundby, Francisco C. Villafuerte, Samuel Verges, and Paul Robach

1888 | No evidence of SARS-CoV-2 transfusion transmission despite RNA detection in blood donors showing symptoms after donation

Pierre Cappy, Daniel Candotti, Virginie Sauvage, Quentin Lucas, Laure Boizeau, Johanna Gomez, Vincent Enouf, Lila Chabli, Josiane Pillonel, Pierre Tiberghien, Pascal Morel, and Syria Laperche

BLOOD WORK

1892 | Primary cutaneous $\gamma\delta$ T-cell lymphoma with secondary lung involvement

Hussein Farhat and Hady Ghanem

1893 | Red cell morphology in sickle cell disease

Megan Parilla and Sandeep Gurbuxani

CONTINUING MEDICAL EDUCATION (CME) QUESTIONS

1894 | Risk-stratified therapy for infant ALL

OTHER DEPARTMENTS

iib | Classifieds



blood®