PERSPECTIVE


RAPID COMMUNICATION

Isolation of c-kit Receptor-Expressing Cells From Bone Marrow, Peripheral Blood, and Fetal Liver: Functional Properties and Composite Antigenic Profile........T. Papayannopoulou, M. Brice, V.C. Broudy, and K.M. Zsebo 1403

CLINICAL INTERVENTION AND THERAPEUTIC TRIALS


HEMATOPOIESIS

Identification of the c-kit Ligand: End of the Road for Understanding Aplastic Anemia in Steel Mutant Mice? K. Pantel, J. Boertman, and A. Nakeff 1428

Temporal Replacement of Donor Erythrocytes and Leukocytes in Nonanemic W/W' and Severely Anemic W/W'' Mice..................................................J.E. Barker, J. Greer, S. Bacon, and S.T. Compton 1432

Megakaryocytic Maturation in Murine Long-Term Bone Marrow Culture: Role of Interleukin-6............R.-L. Mei and S.A. Burstein 1438

Synergistic Interactions Between Interleukin-11 and Interleukin-4 in Support of Proliferation of Primitive Hematopoietic Progenitors of Mice...............................M. Musashi, S.C. Clark, T. Suido, D.L. Urdal, and M. Ogawa 1448


Modulation of Erythropoiesis by Novel Human Bone Marrow Cytochrome P450-Dependent Metabolites of Arachidonic Acid..............................N.G. Abraham, E. Feldman, J.R. Falck, J.D. Lutton, and M.L. Schwartzman 1461

Effects of Human Interleukin-6 on Megakaryocyte Development and Thrombocytopenosis in Primates C.P. Stahl, D. Zucker-Franklin, B.L. Evatt, and E.F. Winton 1467

Suppression of Chronic Myelogenous Leukemia Colony Growth by Interleukin-1 (IL-1) Receptor Antagonist and Soluble IL-1 Receptors: A Novel Application for Inhibitors of IL-1 Activity........Z. Estrov, R. Kurzrock, M. Wetzler, H. Kantarjian, M. Blake, D. Harris, J.U. Guterman, and M. Talpaz 1476

HEMOSTASIS AND THROMBOSIS

Changes in Splenic Microcirculatory Pathways in Chronic Idiopathic Thrombocytopenic Purpura.....E.E. Schmidt, I.C. MacDonald, and A.C. Groom 1485

Plasma Levels of Plasminogen Activator Inhibitor Type 1, β-Thromboglobulin, and Fibrinopeptide A Before, During, and After Treatment of Acute Myocardial Infarction With Alteplase..........H.J. Rapold, V. Grimaudo, P.J. Declerck, E.K.O. Kruijhof, and F. Bachmann 1490

(Continued on following page)
(Contents continued)

Immunodepletion of Extrinsic Pathway Inhibitor Sensitizes Rabbits to Endotoxin-Induced Intravascular Coagulation and the Generalized Shwartzman Reaction.................P.M. Sandset, B.J. Warn-Cramer, S.L. Maki, and S.Z. Rapaport

**IMMUNOBIOLOGY**

Autoantibody-Associated Cross-Reactive Idiotype-Bearing Human B Lymphocytes: Distribution and Characterization, Including Ig V, Gene and CD5 Antigen Expression ......G. Inghirami, D.R. Foitl, A. Sabichi, B.Y. Zhu, and D.M. Knowles


Transferrin-Independent Iron Uptake Supports B Lymphocyte Growth ....P.A. Seligman, J. Kovan, R.B. Schleicher, and E.W. Gelfand


Administration of Interleukin-2 (IL-2) Results in Increased Plasma Concentrations of IL-5 and Eosinophilia in Patients With Cancer..........C. van Haelst Pisani, J.S. Kovach, H. Kita, K.M. Leiferman, G.J. Gleich, J.E. Silver, R. Dennin, and J.S. Abrams

**NEOPLASIA**


Ig V, Expression Among Human Follicular Lymphomas ...............D.W. Bahler, M.J. Campbell, S. Hart, R.A. Miller, S. Levy, and R. Levy

Decreased CD45RA T Cells in B-Cell Chronic Lymphatic Leukemia Patients: Correlation With Disease Stage ..............................S. Peller and S. Kaufman


VpreB Gene Expression in Hematopoietic Malignancies: A Lineage- and Stage-Restricted Marker for B-Cell Precursor Leukemias ........................................S.R. Bauer, H. Kubagawa, I. Maclellan, and F. Melchers

**RED CELLS**

α-Thalassemia Resulting From Deletion of Regulatory Sequences Far Upstream of the α-Globin Structural Genes..................................................L. Romao, L. Osorio-Almeida, D.R. Higgs, J. Lavinha, and S.A. Liebhaber

Improvement of Mouse β-Thalassemia by Recombinant Human Erythropoietin.........................K. Leroy-Viard, P. Rouyer-Fessard, and Y. Beuzard

Molecular Basis for Elliptocytosis Associated With Glycophorin C and D Deficiency in the Leach Phenotype ..............................M.J. Telen, C. Le Van Kim, A. Chung J.-P. Cartron, and Y. Colin

**TRANSPLANTATION**


(Continued on following page)
Impaired Erythropoietin Production in Mice Treated With Cyclosporin A........A.M. Vannucchi, A. Grossi, A. Bosi, D. Rafanelli, S. Guidi, R. Saccardi, R. Alterini, and P.R. Ferrini 1615

TRANSFUSION MEDICINE

Hepatitis C Virus Infection and Chronic Liver Disease in Children With Leukemia in Long-Term Remission

Treatment Type and Amount Influenced Human Immunodeficiency Virus Seroprevalence of Patients With Congenital Bleeding Disorders...G.F. Gjerset, M.J. Clements, R.B. Counts, A.S. Halvorsen, and A.R. Thompson 1623

CORRESPONDENCE

Epstein-Barr Virus Gene Expression in Hodgkin’s Disease........................................................... 1628
Human Granulocyte Colony-Stimulating Factor Receptor Expressed on T-Cell Malignant Lymphoma Cells........ 1630

SPECIAL DEPARTMENTS

Announcements.................................................................................................................................... 1632
Information for Contributors............................................................................................................ xxxvii

All manuscripts submitted to BLOOD and subsequently accepted for publication will be assessed a $50.00 charge per published page. This charge is necessary to offset the increasing costs of publication.

All manuscripts submitted for consideration for publication in BLOOD should be sent to: Arthur W. Nienhuis, M.D., Editor, BLOOD, The Journal of the American Society of Hematology, 9650 Rockville Pike, Bethesda, MD 20814. For other information, call (301) 571-1895.

The American Society of Hematology certifies that the continuing medical education offering provided by BLOOD, The Journal of The American Society of Hematology, meets the criteria for up to 22 hours of credit in Category 5(a) for the Physician’s Recognition Award of the American Medical Association.