CONTENTS

REVIEW ARTICLES


Review: Conditioning for Allogeneic Marrow Transplantation in Patients With Lymphohematopoietic Malignancies Without the Use of Total Body Irradiation ..............................E.A. Copelan and H.J. Deeg 1648

RAPID COMMUNICATION


CLINICAL INTERVENTION AND THERAPEUTIC TRIALS


Enhanced Marrow Recovery by Short Preincubation of Marrow Allografts With Human Recombinant Interleukin-3 and Granulocyte-Macrophage Colony-Stimulating Factor ............E. Naparstek, Y. Hardan, M. Ben-Shahar, A. Nagler, R. Or, M. Mumcuoglu, L. Weiss, S. Samuel, and S. Slavin 1673

HEMATOPOIESIS

Interaction of Human Bone Marrow Fibroblasts With Megakaryocytes: Role of the c-kit Ligand.........H. Avraham, D.T. Scadden, S. Chi, V.C. Broudy, K.M. Zsebo, and J.E. Groopman 1679

Recombinant Human Interleukin-9 Induces Protein Tyrosine Phosphorylation and Synergizes With Steel Factor To Stimulate Proliferation of the Human Factor-Dependent Cell Line, MO7e ..........K. Miyazawa, P.C. Hendrie, Y.-J. Kim, C. Mantel, Y.-C. Yang, B.S. Kwon, and H.E. Broxmeyer 1685


The Role of Macrophages in the Regulation of Erythroid Colony Growth In Vitro...............C. Wang, K.B. Udupa, and D.A. Lipschitz 1702


A Novel Temporal Expression Pattern of Three C/EBP Family Members in Differentiating Myelomonocytic Cells ...............................................................L.M. Scott, C.I. Cavin, P. Rorth, and A.D. Friedman 1725


(Continued on following page)
Hematopoietic Cytokines Inhibit Apoptosis Induced by Transforming Growth Factor β1 and Cancer Chemotherapy Compounds in Myeloid Leukemic Cells

J. Lotem and L. Sachs

HEMOSTASIS AND THROMBOSIS

Evidence That Postoperative Fibrinolytic Shutdown Is Mediated By Plasma Factors That Stimulate Endothelial Cell Type I Plasminogen Activator Inhibitor Biosynthesis

J. Kassis, J. Hirsh, and T.J. Podor

IMMUNOBIOLOGY

Heterogeneous Immunophenotype of Granular Lymphocyte Expansions: Differential Expression of the CD8α and CD8β Chains


NEOPLASIA

Clonal Involvement of Granulocytes and Monocytes, But Not of T and B Lymphocytes and Natural Killer Cells in Patients With Myelodysplasia: Analysis by X-Linked Restriction Fragment Length Polymorphisms and Polymerase Chain Reaction of the Phosphoglycerate Kinase Gene

H. van Kamp, W.E. Fibbe, R.P.M. Jansen, M. van der Keur, E. de Graaff, R. Willemze, and J.E. Landegent

Deletions Involving Two Distinct Regions of 6q in B-Cell Non-Hodgkin Lymphoma


Clonal Evolution in a Myeloid Cell Line Transformed to Interleukin-3 Independent Growth by Retroviral Transduction and Expression of p210bcr/abl

R. Delwel, C. van Buitenen, B. Lowenberg, and I. Touw

Heterogeneous Epstein-Barr Virus Infection Patterns in Peripheral T-Cell Lymphoma of Angioimmunoblastic Lymphadenopathy Type


Acute Lymphoblastic Leukemia in Patients Aged 60 Years and Over: A Population-Based Study of Incidence and Outcome

P.R.A. Taylor, M.M. Reid, N. Bown, P.J. Hamilton, and S.J. Proctor

Detection and Quantitation of Malignant Cells in the Peripheral Blood of Multiple Myeloma Patients


Identification of Breakpoints in t(8;21) Acute Myelogenous Leukemia and Isoiation of a Fusion Transcript, AML1/ETO, With Similarity to Drosophila Segmentation Gene, runt

P. Erickson, J. Gao, K.-S. Chang, T. Look, E. Wisenant, S. Raimondi, R. Lasher, J. Trujillo, J. Rowley, and H. Drabkin

RED CELLS

Regulation of Human Embryonic Globin Genes α2 and ε in Stably Transformed Mouse Erythroleukemia Cells

P. Vyas, J.A. Sharpe, P. Watt, D.R. Higgs, and W.G. Wood

TRANSPLANTATION

Acute Graft-Versus-Host Disease: Analysis of Risk Factors After Allogeneic Marrow Transplantation and Prophylaxis With Cyclosporine and Methotrexate


Anti-CD3+Interleukin-2 Stimulation of Marrow and Blood: Comparison of Proliferation and Cytotoxicity

P.M. Anderson, A.C. Ochoa, N.K.C. Ramsay, D. Hasz, and D. Weisdorf

(Continued on following page)
No Correlation Between the Type of \textit{bcr-abl} Hybrid Messenger RNA and Platelet Counts in Chronic Myelogenous Leukemia

Acute Leukemia With t(8;21) Can Express T-Lineage–Associated Markers

Polymerase Chain Reaction Analysis of an \textit{NcoI} Polymorphism of the Human Erythrocyte Ankyrin Gene

Similarity of p53 Expression by CD34$^+$ Cells in Chronic Myeloid Leukemia and Normal Progenitors Detected by Flow Cytometry

Announcements

Information for Contributors

All manuscripts submitted to \textit{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 \textit{BLOOD} should be sent to: Arthur W. Nienhuis, M.D., Editor, \textit{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 \textit{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.

\textit{Cover photo courtesy of Scott et al, “A Novel Temporal Expression Pattern of Three C/EBP Family Members in Differentiating Myelomonocytic Cells,” p 1725.}