CONTENTS

Difference in Inducing Activity for Human Bone Marrow Colonies in Normal Serum and Serum From Patients With Leukemia
Uri Mintz and Leo Sachs 331

A New Human Low Molecular Weight Granulocyte Colony Stimulating Activity
G. B. Price, E. A. McCulloch, and J. E. Till 341

Comparison of Two Methods of Preventing Central Nervous System Leukemia... Rhomes J. A. Aur, H. Omar Hustu, Manuel S. Verzosa, Adynel Wood, and Joseph V. Simone 349

5-Azacytidine: A New Active Agent for the Treatment of Acute Leukemia...... Myron Karon, Lance Sieger, Suzanne Leimbrock, Jerry Z. Finklestein, Mark E. Nesbit, and Jerry J. Swaney 359

Survival in Chronic Lymphocytic Leukemia Calvin Zippin, Sidney J. Cutler, William J. Reeves, Jr., and Diana Lum 367

Lymphoblastic Leukemia With Marked Eosinophilia: A Report of Two Cases......... Gary Spitzer and O. Margaret Garson 377

“Foreign Serum” Heterophile Antibodies in Patients Receiving Antithymocyte Antisera Bernard Pirofsky, J. C. Ramirez-Mateos, and Anne August 385

The Influence of Thymus Cells in Hemopoiesis: Stimulation of Hemopoietic Stem Cells in a Syngeneic, In Vivo, Situation
B. I. Lord and R. Schofield 395

(Continued on page viii)
BLOOD  
*The Journal of Hematology*

(Continued from front cover)

Immunologic Response of Patients With Acute Leukemia to Platelet Transfusions . . . *Francisco Tejada, Wilma B. Bias, George W. Santos, and Philip D. Zieve* 405

Cholinesterase as a Possible Marker for Early Cells of the Megakaryocytic Series . . . . . . . *Carl W. Jackson* 413

A Hypertransfused Mouse Assay for Thrombopoietic Factors  
*George W. Cooper, Barbara Cooper, A. Lawrence Ossias, and Esmail D. Zanjani* 423

Von Willebrand's Syndrome Presenting as an Acquired Bleeding Disorder in Association With a Monoclonal Gammopathy  

Antibodies to Factor VIII. I. Variations in Stability of Antigen-Antibody Complexes in Hemophilia A . . . . . . . *J.-P. Allain and D. Frommel* 437

Autoantibodies in Acquired Hemolytic Anemia With Special Reference to the LW System  
*G. H. Vos, L. D. Petz, G. Garratty, and H. H. Fudenberg* 445

Hemoglobin D Iran $\alpha^2\beta^2$-Glu-3Glu in Association With Thalassemia  
*Ronald A. Rohe, Vijay Sharma, and Helen M. Ranney* 455

Chronic Hemolytic Anemia Due to Cold Agglutinins: A 20-Year History of Benign Gammopathy With Response to Chlorambucil  
*Robert S. Evans, Elizabeth Baxter, and Bruce C. Gilliland* 463

Hemoglobin Function in the Horse: The Role of 2,3-Diphosphoglycerate in Modifying the Oxygen Affinity of Maternal and Fetal Blood  
*H. Franklin Bunn and Hyram Kitchen* 471

SPECIAL DEPARTMENTS

Abstracts ........................................ 481

News and Views .................................. 490

American Society of Hematology .................. 492