INDEX ISSUE

Normal Granulocyte Colony-forming Cells in the Bone Marrow of Yemenite Jews With Genetic Neutropenia .......... Uri Mintz and Leo Sachs 745

Granulopoiesis in Neutropenic Disorders .......... Peter L. Greenberg and Stanley L. Schrier 753

Cyclic Leukocytosis in Chronic Myelogenous Leukemia: New Perspectives on Pathogenesis and Therapy ............. Richard A. Gatti, William A. Robinson, Amos S. Deinard, Mark Nesbit, Jeffrey J. McCullough, Mark Ballow, and Robert A. Good 771

The Origin of Bone Marrow Fibroblasts ......... Albert de la Chapelle, Pekka Vuopio, and Georg H. Borgström 783

Kinetic Parameters of Bone Marrow Stem Cells Using In Vivo Suicide by Tritiated Thymidine or by Hydroxyurea .......... F. Vassort, M. Winterholer, E. Frindel, and M. Tubiana 789

The Role of Granulocytes in Endotoxin-induced Vascular Injury Evelyn Gaynor 797

Properties of the Platelet Retention (von Willebrand) Factor and Its Similarity to the Antihemophilic Factor (AHF) ... Harvey J. Weiss, John Rogers, and Harvey Brand 809

Isoantibody Specificity in Post-transfusion Purpura ... Jon P. Gockerman and N. Raphael Shulman 817

(Continued on page xxiv)
Influence of Cytochalasin B on the Shape Change Induced in Platelets by Cold .......... James G. White and Marlys Krumwiede 823

The Biconcavity of the Red Cell: An Analysis of Several Hypotheses
Brian S. Bull and J. Douglas Brailsford 833

Effect of Smoking on Tissue Oxygen Supply .... Arthur L. Sagone, Jr.,
Thomas Lawrence, and Stanley P. Balcerzak 845

The Effect of Iron Deficiency on the Expression of Hemoglobin H
Richard T. O'Brien 853

Dyserythropoiesis, Refractory Anemia, and "Preleukemia:" Metabolic
Features of the Erythrocytes ........ William N. Valentine,
Patricia N. Konrad, and Donald E. Paglia 857

Regulation of Glucose-6-Phosphate Dehydrogenase Activity in Red
Blood Cells From Hemolytic and Nonhemolytic Variant Subjects
Akira Yoshida and Mei Lin 877

Effects of Vitamin A on the Erythrocyte Membrane Surface
Martin I. Murphy, Jr. 893

Storage Cells of Spleen and Bone Marrow in Thalassemia: An Ultra-
structural Study ............ C. A. Beltrami, I. Bearzi, and G. Fabris 901

The Importance of Bone Marrow Biopsy in the Staging of Patients With
Lymphosarcoma ............ Vincent Vinciguerra and Richard T. Silver 913

Nitroblue Tetrazolium Reduction: False Positive and False Negative
Results .... Philip Ashburn, M. Robert Cooper, Charles E. McCall,
and Lawrence R. DeChatelet 921

Nucleotide Profiles of the Formed Elements of Human Blood Determined
by High-Pressure Liquid Chromatography .... E. M. Scholar,
Phyllis R. Brown, R. E. Parks, Jr., and P. Calabresi 927

SPECIAL DEPARTMENTS

Abstracts .......................................................... 937

Book Reviews .......................................................... 946

Books Received for Review ............................................. 947

Annual Indexes .......................................................... 949