CONTENTS

No. 1 (January)

The Splenic Platelet Pool...R. Penny, M. C. Rozenberg and B. G. Firkin 1
Characterization of Maternal Isoagglutinins in ABO Hemolytic Disease of the Newborn
Susie W. Fong, Arlene Nuckton and H. H. Fudenberg 17
Inhibition of the Local Inflammatory Response in Man by Antimetabolites
Evan M. Hersh, Vernon G. Wong and Emil J. Freireich 38
Lipid Storage Disease...........Ian L. Thompson and William C. Moloney 49
The Oxidation of Long-Chain Fatty Acids by the Formed Elements of Human Blood................Arnold Rosenzweig and Peter Ways 57
Antigenic Behavior of the S-63 Mouse Leukemia Virus
Eric R. Brown, Irving Greenspan and Steven O. Schwartz 65
Brief Report: Two Bence Jones Proteins of Different Immunologic Types in the Same Patient with Multiple Myeloma
Ralph L. Engle, Jr. and Ralph L. Nachman 74
Brief Report: Use of Phytohemagglutinin to Stimulate Hematopoiesis in Humans...............Donald M. Hayes and Charles L. Sparr 78
Lactic Dehydrogenase of Human Chronic Lymphocytic Leukemic Leukocytes..............Richard H. Bottomley, S. J. Locke and H. C. Ingram 85
The Effect of Ellagic Acid on Coagulation in Vivo
Antonio Girolami, Domenico Agostino and Eugene E. Clifton 93
Prolonged Remission in Chronic Myeloid Leukemia after One Course of Busulfan
Meir Djaldetti, Baruch Padeh, Jack Pinkhas and Andre de Vries 103
Authors' Summaries of Articles Accepted September, 1965.............126
Book Reviews ........................................131
Abstracts ...........................................135

No. 2 (February)

Congenital Nonspherocytic Hemolytic Anemia, Associated with Glutathione Deficiency of the Erythrocytes. Hematologic, Biochemical and Genetic Studies
H. K. Prins, M. Oort, J. A. Loos, C. Zürcher and T. Beckers 145
IV CONTENTS

The Ultrastructural Localization and Release of Platelet Lipids
James G. White and William Krivit 167

The Production of γG-Globulin by Lymphocytes in Chronic Lymphocytic
Leukemia. Immunocytologic Investigation of a Case
Charles N. Gamble and Hunter O. Cutting 187

"Hairy" Cells in Blood in Lymphoreticular Neoplastic Disease and
"Flagellated" Cells of Normal Lymph Nodes
Robert Schrek and William J. Donnelly 199

"Intermediate" Cell Types and Mixed Cell Proliferation in Multiple
Myeloma: Electron Microscopic Observations
and Edwin D. Bayrd 212

Hydroxocobalamin. IV. Biological Half-Life of Hydroxocobalamin in the
Human Liver..............George B. Jerzy Glass and Duk Ho Lee 227

Hydroxocobalamin. V. Prolonged Maintenance of High Vitamin B₁₂
Blood Levels following a Short Course of Hydroxocobalamin Injec-
tions..............George B. Jerzy Glass, Helen R. Skeggs and Duk Ho Lee 234

Brief Report: Erythropoiesis after Exchange Transfusion in Hemolytic
Anemia..........................Allen J. Erslev and Joseph P. McKenna 242

Brief Report: Cytoplasmic Microtubules in Blood Platelets
Edward B. Sandborn, Jean-Jacques LeBuis and Pierre Bois 247

Urticaria Pigmentosa Complicated by Polycythemia Vera. Report of a Case
Joseph H. Diamond and Ludwig Gross 253

Analytical Review: Mosaicism, Chimerism and Sex-Chromosome Inactiva-
tion..................Raymond L. Teplitz and Ernest Beutler 258

Authors' Summaries of Articles Accepted October, 1965.................272

Book Reviews........................................278

Correspondence..................................281

Abstracts...........................................283

American Society of Hematology.............................294

No. 3 (March)

Studies on a “New” Human Isoprecipitin System (Australia Antigen)
H. J. Alter and B. S. Blumberg 297

In Vitro DNA and RNA Synthesis in Human Bone Marrow Cells: A Study
of 12 Normal Subjects and 12 Patients with Lymphoplasmocytic
Disorders.............Jakob R. Schmid, Joseph M. Kiely, W. Nevelon Tauxe
and Charles A. Owen, Jr. 310

Studies on the Biochemical Alterations of the Protein Synthesizing
Apparatus in Maturing Rabbit Reticulocytes. I. Maturation in Vivo
Tova Wilner-Zehavi, G. Izak and J. Mager 319

A Controlled Trial of Urethane Treatment in Multiple Myeloma
James F. Holland et al. 328
CONTENTS

Quantitative and Qualitative Aspects of Steady State Erythropoiesis Induced in Protein-Starved Rats by Long-Term Erythropoietin Injection

Kenjiro Ito and Kurt R. Reissmann 343

Pyridoxine-Responsive Anemia Conditioned by Isonicotinic Acid Hydrazide

Paul R. McCurdy and Robert F. Donohoe 352

Bacterial Endotoxin: Effects on Erythropoiesis

George J. Fruhman 363

Quantitative Characterization of Chick Thymus and Bursa Development

Jack Sherman and Robert Auerbach 371

Döhle Bodies Associated with Uncomplicated Pregnancy

Max R. Abernathy 380

Brief Report: Urinary Excretion of 5-Methyl-Tetrahydrofolate in Man

Anne McLean and I. Chanarin 386

Brief Report: B12 Binding Protein Deficiency in Pernicious Anemia

Christine Lawrence 389

Experience with an Extended Methemoglobin Reduction Test. Factors Influencing Hemoglobin Destruction

Helen Robin and J. D. Harley 395

Authors’ Summaries of Articles Accepted November, 1965

405

News and Views

411

Book Reviews

412

Correspondence

414

Abstracts

415

No. 4 (April)

Inhibition of Erythropoiesis by a Factor Present in the Plasma of Patients with Erythroblastopenia

Joanne H. Jepson and Louis Lowenstein 425

Autoimmune Disease in NZB/Bl Mice. II. Autoimmunity and Malignant Lymphoma

Robert C. Mellors 435

The Increased Effectiveness of Platelet Concentrates Prepared in Acidified Plasma

Frederick A. Flatow, Jr. and Emil J. Freireich 449

Tissue Culture of Bone Marrow. II. Effect of Steroid Hormones on Hematopoiesis in Vitro

Edward H. Reisner, Jr. 460

DNA Polymerase and Carbohydrate Metabolizing Enzyme Content of Normal and Leukemic Glass Column Separated Leukocytes

Yale Rabinowitz 470

Multiple Cases of Leukemia in a Sibship


The Influence of Chemotherapy on Survival in Acute Leukemia. III. A Comparison of Patients Treated During 1958–1964 with Those Treated in Two Sequentially Preceding Periods


Origin of Auer Bodies

James A. Freeman 499
Lymphatic Drainage of Thymocytes to the Circulation in the Guinea Pig
Masahiko Kota, Koji Iwaki, Akira Yamashita and Isao Hori 511

Immunofluorescence of Megakaryocytes in the Thrombocytopenic Purpura
F. Pizzi, P. M. Carrara, A. Aldeghi and S. Eridani 521

The Activation of Proaccelerin by Bovine Thrombokinase (with Notes on the Antithrombic Activity of Phenylmethyl Sulfonylfluoride)
Robert T. Breckenridge and Oscar D. Ratnoff 527

The Effect of Erythropoietin on Hematopoietic Organs of the Polycythemic Mouse
K. Nakao, F. Takaku, S. Fujioka and S. Sassa 537

Sternberg-Reed Cells in the Peripheral Blood of Patients with Hodgkin's Disease
Bertha A. Bourne 544

The Response of Free Erythrocyte Protoporphyrin to Pyridoxine Therapy in a Patient with Sideroblastic (Sideroblastic) Anemia
G. R. Lee, G. E. Cartwright and M. M. Wintrobe 557

Analytical Review: Hemoglobin H and the Red Cell
Thomas G. Gabuzda 568

Authors' Summaries of Articles Accepted December, 1965 580

News and Views 585

Book Reviews 586

Abstracts 589

No. 5 (May)

Family Study in Addisonian Pernicious Anemia
S. Ardeman, I. Chanarin, A. Jacobs and Lorraine Griffiths 599

I. Studies of Normal Plasma
Charles A. Hall and Alexander E. Finkler 611

II. Abnormalities in Leukemia and Pernicious Anemia
Charles A. Hall and Alexander E. Finkler 618

Studies on the Metabolism of Adenosine and Adenine in Stored and Fresh Human Erythrocytes
Bertram A. Lowy and Marjorie K. Williams 623

The Erythropoietic Effect of Hematocrit Variations in Normovolemic Rabbits
Allan J. Ersliev 629

Actinomycin and Erythropoiesis and the Production of Erythropoietin in Mice
Geoffrey Keighley and Peter H. Lowy 637

Brief Report: In Vitro Effect of Erythropoietin on the Spleen of the Polycythemic Mouse
Kiku Nakao, Yasusada Minura and Fumimaro Takaku 646

Factors Controlling Erythropoiesis in Birds
Wendell F. Rosse and Thomas A. Waldmann 654

Studies of Incomplete Antibodies. I. Effect of Papain on Red Cells
Kimmo Aho and Charles L. Christian 662

Hemoglobin F (Hemoglobin F11): A Fetal Variant
Rose G. Schneider, Richard T. Jones and Kiyoshi Suzuki 670
CONTENTS

Roentgenographic Bone Changes in Chronic Iron Deficiency Anemia. A Study in Twelve Patients
  Muzaffer Aksoy, Necdet Çamli and Sakir Erdem 677
Normal Human Lymph Node Cells: An Electron Microscopic Study
  Robert E. Brooks and Benjamin V. Siegel 687
Elimination of Chromosome Aberrations from Human Lymphocytes
  Amos Norman, M. S. Sasaki, R. E. Ottoman and A. G. Fingerhut 706
Platelet Amino Acid Levels in Essential Thrombocytosis
  Ralph L. Nachman, Herbert I. Horowitz and Richard T. Silver 715
Trisomy of Group C in a Myeloproliferative Disorder. Report of Case
  Alan Winkelstein, Robert S. Sparkes and Charles G. Craddock 722
Brief Report—Method: A Quantitative Rebuff Technique
  Chester M. Southam and Arthur G. Levin 734
The Intravascular Survival of Transfused Canine Pelger-Huet Neutrophils and Eosinophils
  H. A. Carper and Phyllis L. Hoffman 739
Editorial: Do Tracers Trace?
  Peter Reizenstein 744
Authors Summaries of Articles Accepted January, 1966 748
Book Reviews 754
Abstracts 761

No. 6 (June)

Cytogenetic and Morphologic Abnormalities in Human Bone Marrow Cells during Cytosine Arabinoside Therapy
  William R. Bell, Jacqueline J. Whang, Paul P. Carbone, George Brecher and Jerome B. Block 771
Chromosome Studies in Preleukemia. I. Aneuploidy of Group C Chromosomes in Three Patients
  Janet D. Rowley, Richard K. Blaisdell and Leon O. Jacobson 782
Cytogenetic Observations in Vitamin B₁₂ and Folate Deficiency
  Clark W. Heath, Jr. 800
The Action of Cytostatic Agents on the Chromosomes of Human Leukocytes in Vitro (Preliminary Communication)
  Klaus Erich Hampel, Bernard Kober, Dieter Rösch, Heinrich Gerhartz and Karl-Heinz Meinig 816
Studies on Several Genetic Hematologic Traits of Mexicans. IX. Abnormal Hemoglobins and Erythrocytic Glucose-6-Phosphate Dehydrogenase Deficiency in Several Indian Tribes
  Ruben Lisker, Graciela Zarate and Alvar Loria 824
Extracorporeal Irradiation of the Blood in Humans: Effects upon Erythrocyte Survival
VIII CONTENTS

Progressive Antithrombin: A Three-Phase System
  
  Henry H. Henstell and Miriam Kligerman 844

Fetomaternal Passage of Leukocytes and Platelets in Erythroblastosis Fetalis
  
  R. G. Desai, E. McCutcheon, B. Little and S. G. Driscoll 858

Promyelocytic-Myelocytic Leukemia as a Terminal Manifestation of Chronic Granulocytic Leukemia. Report of a Case
  
  Dan Ben-Zeév, Steven O. Schwartz and Irving A. Friedman 863

Analytical Review: Immunocytes and Immunoglobulins
  
  Robert C. Mellors 871

Hypothesis: On the Role of the Reticulum and Lymphoid Tissues in Water and Food Transport
  
  Jack W. Shields 883

Authors' Summaries of Articles Accepted February, 1966 895

Book Reviews 896

Abstracts 898