CONTENTS

5-Azacytidine (NSC 102816): A New Drug for the Treatment of Myeloblastic Leukemia .......William R. Vogler, Donald S. Miller, and James W. Keller 331

Human Acute Myelomonocytic Leukemia: Serologic Studies With Simian Antisera ............T. Mohanakumar, Donald S. Miller, and Richard S. Metzgar 339

Granulopoiesis in Chronic Myeloid Leukemia. II. Serial Cloning of Blood and Bone Marrow Cells in Agar Culture.........Tor Olofsson and Inge Olsson 351

Leukocyte Density and Volume in Normal Subjects and in Patients With Acute Lymphoblastic Leukemia ..........Alvin Zipursky, Eric Bow, Rama S. Seshadri, and Elizabeth J. Brown 361

Regulation of Bone Marrow Cell Growth in Diffusion Chambers: The Effect of Adding Normal and Leukemic (CML) Polymorphonuclear Granulocytes .......................Arne Bøyum, Dagfinn Lövhaug, and Werner R. Boecker 373

Successful Bone Marrow Transplantation Against Mixed Lymphocyte Culture Barrier ....Stephen A. Feig, Gerhard Opelz, Harland S. Winter, Peter M. Falk, Robert C. Neerhout, Robert Sparkes, Robert P. Gale, and the UCLA Bone Marrow Transplantation Group 385

Antibody-induced von Willebrand's Disease: A Newly Defined Inhibitor Syndrome ....Robert I. Handin, Vera Martin, and William C. Moloney 393


Erythropoietic Events in Cultured Embryonic Mouse Spleen Hana Bessler, Ida Nothi, Pnina Fishman, and Meir Djaldetti 419

Factors Which Affect Erythropoiesis in Partially Nephrectomized and Sham-operated Rats .................A. Anagnostou, G. Vercellotti, J. Barone, and W. Fried 425

Delayed Erythropoiesis in Irradiated Rats Grafted With Syngeneic Marrow: Effects of Cytotoxic Drugs and Iron-deficiency Anemia Pamela Rodday, Michael Bennett, and Joseph J. Vitale 435

(Continued on following page)

Increased Potassium Transport and Ouabain Binding in Human Rhnull Red Blood Cells ..................Peter K. Lauf and Clinton H. Joiner 457

Distribution of Spermidine and Spermine in Blood From Cystic Fibrosis Patients and Control Subjects ..................Lawrence F. Cohen, David W. Lundgren, and Philip M. Farrell 469

DEPARTMENTS

Correspondence: Leptochromatic or Transitional Lymphocyte? .............. 477

News and Views ................................................................. 478

American Society of Hematology Annual Meeting ........................................... 481

Information for Contributors .................................................................. xxii

Advertisers’ Index ........................................................................ xxxiv