INDEX ISSUE

ALLOGENEIC MARROW ENGRAFTMENT FOLLOWING WHOLE BODY IRRADIATION IN A PATIENT WITH LEUKEMIA .......................... C. Dean Buckner, Robert B. Epstein, Robert H. Rudolph, Reginald A. Clift, Rainer Storb and E. Donnall Thomas 741

CYCLIC LEUKOCYTE OSCILLATIONS IN CHRONIC MYELOGENOUS LEUKEMIA DURING HYDROXYUREA THERAPY ................................................. B. J. Kennedy 751

RELATIONSHIP OF ERYTHROPOIETIN EFFECTIVENESS TO THE GENERATIVE CYCLE OF ERYTHROID PRECURSOR CELL .................. Bernard S. Morse, Nicholas J. Rencricca and Frederick Stohlman, Jr. 761

MEGAKARYOCYTOPOIESIS IN RATS WITH SPECIAL REFERENCE TO POLYPLOIDY T. T. Odell, Jr., C. W. Jackson and T. J. Friday 775

STIMULATION OF THROMBOCYTOPOIESIS IN IRRADIATED MICE ........ Shirley Ebbe and Frederick Stohlman, Jr. 783

BIDIRECTIONAL TRANSPORT OF FERRITIN IN GUINEA PIG ERYTHROBLASTS IN VITRO .................................................. Yasukazu Tanaka 793

CLOTTING OF BOVINE FIBRINOGEN BY LIVER TRANSAMIDASE .... Judith Farrell and K. Laki 804

IMMUNOLOGIC STUDIES OF ANTIHEMOPHILIC FACTOR (AHF, FACTOR VIII) II. PROPERTIES OF CROSS-REACTING MATERIAL ........ Leon W. Hoyer and Robert T. Breckenridge 809

PLASMA AND ERYTHROCYTE FOLATE IN IRON DEFICIENCY AND FOLATE DEFICIENCY .................. A. Omer, N. D. C. Finlayson, D. J. C. Shearman, R. R. Samson and R. H. Girdwood 821

COMPLEXING OF TRANSCOBALAMIN 2 AND APPARENT COMBINATION WITH HEPARIN ................................................................. Bernard A. Cooper 829

CHARACTERIZATION AND GENETIC STUDIES OF MICROCYTIC ANEMIA IN HOUSE MOUSE ................................................ Elizabeth S. Russell, Donald J. Nash, Seldon E. Bernstein, Edith L. Kent, Eleanor C. McFarland, Susan M. Mathews and Mary S. Norwood 838

(Continued on page iv)
CONTENTS
(Continued from front cover)

ANALYTIC REVIEW: DISORDERS OF PHAGOCYTE FUNCTION

Steven D. Douglas 851

EDITORIAL

James M. Stengle 867

OBITUARY: DR. ERNEST WITEBSKY

Felix Milgrom 869

SPECIAL DEPARTMENTS

ABSTRACTS 871

CORRESPONDENCE 882

NEWS AND VIEWS 884

Correspondence concerning business matters should be addressed to Henry M. Stratton, Inc., Medical Publishers, 757 Third Avenue, New York, N.Y. 10017. All communications concerning editorial matters should be addressed to Frederick Stohman, Jr., M.D., St. Elizabeth's Hospital, 736 Cambridge St., Brighton, Mass. 02135. See Instructions for Contributors.

Subscription rates, $25.00 per year within the United States; foreign, $27.00 per year. Students, Research Fellows, Interns and Residents may receive a reduced subscription at $17.00 per year (current volume only) (a letter giving qualifying data must accompany such orders). Single copies $5.00. Supplementary issues sold at special prices obtainable on request. Subscriptions are accepted on a twelve-issue basis. Blood is published monthly, in two volumes per year.

Advertising accepted subject to editorial review. Rates, specifications and other information on request.


Changes of address notices, including both the subscriber's old and new address, should be sent at least one month in advance to the Publishers, Henry M. Stratton, Inc., as listed above.


Published monthly at 757 Third Avenue, New York, N.Y. 10017. Second Class postage paid at New York, N.Y. and at additional mailing offices.

Copyright 1970, Henry M. Stratton, Inc.