CONTENTS

INTRODUCTION .................................................. Robert Schwartz 575

WILLIAM DAMESHEK, 1900-1969 ............................. F. W. Gunz 577

COLD REACTING ANTIBODY IN NZB/B1 MICE
Nicolas Costea, Vincent Yakulis and Paul Heller 583

GENETIC AND BIOLOGICAL ASPECTS OF THE HL-A SYSTEM OF HUMAN HISTOCOMPATIBILITY
J. Dausset, J. Colombani, L. Legrand, N. Feingold and F. T. Rapaport 591

DFP LABELING OF PLATELETS DURING RECOVERY FROM THROMBOCYTOPENIA
Shirley Ebbe, Peter Sapienza, Peter Duffy and Frederick Stohlman, Jr. 613

AUTORADIOGRAPHY OF DIFFUSIBLE COMPOUNDS IN HUMAN NONNUCLEATED ERYTHROCYTES: STUDIES WITH TRITIATED GLUCOSE AND ADENINE
Tibor J. Greenwalt, Joseph C. Paige, Nobukoh Etoh and Edwin A. Steane 624

CHROMATIN CLUMPING IN MATURE LEUKOCYTES: A HITHERTO UNRECOGNIZED ABNORMALITY
Susan S. Gustke, Gary A. Becker, John C. Garancis, Nicholas F. Geimer and Anthony V. Pisciotta 637

THE EFFECT OF CHROMIUM ON PLATELET FUNCTION IN VITRO
Herman E. Kattlove and Theodore H. Spaet 659

EFFECT OF AMINO ACIDS ON IRON ABSORPTION FROM A STAPLE VEGETABLE FOOD
Carlos Martinez-Torres and Miguel Layrisse 669

THE LYMPHOCYTE IN IMMUNOLOGICAL REACTIONS IN VITRO: ULTRASTRUCTURAL STUDIES
William McFarland and Geraldine P. Schechter 683

IN VITRO EFFECT OF CHLORAMPHENICOL ON CHROMOSOMES
W. J. Mitus and Nanci Coleman 689

(Continued on page iv)
CONTENTS

(Continued from front cover)


RIBOSOME BIOSYNTHESIS IN CULTURED LYMPHOCYTES: II. THE ROLE OF RIBOSOMAL RNA PRODUCTION IN THE INITIATION AND MAINTENANCE OF LYMPHOCYTE GROWTH .......................... Arnold D. Rubin 708

HEMOLYSIS AND ERYTHROPOIESIS. VI. A COMPARATIVE STUDY OF THE UTILIZATION OF HEMOGLOBIN IRON AND TRANSFERRIN IRON BY THE ERYTHROPOETIC TISSUE L. Sanchez-Medal, Lorenzo Duarte and Juan Labardini 721

SUBCELLULAR DISTRIBUTION OF $^{51}$CR AND CHARACTERIZATION OF ITS BINDING SITES IN HUMAN PLATELETS ........ Manfred Steiner and Mario Baldini 727