

Book Reviews

G. Mariani, M.A. Russo, F. Mandelli
Activated Prothrombin Complex concentrates
Managing Hemophilia with Factor VIII
Inhibitor
Praeger, New York 1982
239 pp.; £29.75
ISBN 0-03-060323-4

This book summarizes reports of a conference on the pathogenesis and clinical management of inhibitors against factor VIII. While the conference from which the articles of this book originate was held already in 1981, much of their content remains valid. Of particular interest are critical reports on the use of activated prothrombin complex concentrates and tolerance induction in inhibitor patients. The book complements others that deal with this complex topic and is certainly useful to those dealing with problems related to hemophilia. E.A. Beck, Bern

H.J. Meiselman, M.A. Lichtman
White Cell Mechanics
Basic Science and Clinical Aspects
Kroc Foundation Series, vol. 16
Liss, New York 1984
XII+318 pp.; £ 52.00
ISBN 0-8451-0306-7

For many years the focus of blood rheologists and, in fact, circulatory physiologists has been on red blood cells, their unique mechanical properties, and their key role in gas transfer. Recently rheologists, biophysicists and clinicians have begun to examine the mechanical properties of white cells, their behavior in the circulation, and their role in the pathogenesis of certain abnormal phenomena.

This book contains the proceedings of a symposium held at the Kroc Foundation at Santa Ynez Valley, California, May 2 to 6, 1983. It summarizes re-

cent studies related to white blood cell rheology. There are contributions on cellular and membrane mechanics of white cells, white cell cytoplasmic and membrane properties, white cell flow behavior, white cell locomotion and interaction with endothelium and contributions of white cells to pathologic flow states.

This book will be of great interest to investigators in these areas and to clinicians and hematologists interested to keep up in the pathophysiology of these areas. K. Deubelbeiss, Biel

A.S. Gordon, J. LoBue
Contemporary Hematology/Oncology, vol. 3
Plenum Press, New York 1984
XV+271 pp.; US\$ 39.50
ISBN 0-306-41535-6

The third volume of this series presents the newest results of research in hematology and oncology and is subdivided into eight chapters. The first one deals with the hematopoietic stem cell and osteopetrosis, the second one with research concerning human megakaryopoiesis. The third chapter seems especially important, treating the activation of mononuclear phagocytosis in order to destroy tumor cells serving as a model for research of development of macrophages. Other subjects include the function of protein C, HTLV, a human leukemia retrovirus, acute lymphocytic leukemia: newest progress in diagnosis and therapy, the human Ia system in relation to chronic lymphocytic leukemia and at last the actual state of bone marrow transplantation. Each chapter offers a very informative and comprehensive synopsis of its subject. Tables, figures and an adequate literature index represent valuable completion. This book is of great interest for physicians, especially for hematologists and oncologists. J. Rastetter, München