

SIEGMUND J. BAUM  
G. DAVID LEDNEY

# EXPERIMENTAL HEMATOLOGY TODAY 1979



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# Experimental Hematology Today 1979

Edited by  
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# Preface

Experimental Hematology Today 1979 again attempts to present significant scientific discoveries of the past year. It contains papers presented at the Seventh Annual Meeting of the International Society for Experimental Hematology held in Chicago, Illinois, 1978. The manuscripts were selected and reviewed by the local scientific committee and the editors of the yearbook. The book is divided into six parts, in an attempt to represent equally the various facets of basic sciences and clinical applications. The first part entitled "Studies of Hematopoietic Stem Cells" is chaired by Dr. T. J. MacVittie, Bethesda, Maryland. It deals with discussions of very recent new findings of stem cell physiology. This is followed by Part II entitled "Myelopoiesis" and headed by Dr. S. J. Baum, Bethesda, Maryland. In this division experimenters relate to physiological properties of granulocyte and macrophages, particularly to the anatomical and functional heterogeneity of these cells. Part III is led by Dr. W. Fried, Chicago, Illinois, and is entitled "Erythropoiesis and Megakaryocytopoiesis." It summarizes the new insights obtained in red cell and platelet production. Part IV is designated as "Transplantation Immunology." It is led by Dr. P. J. Tutschka, Baltimore, Maryland. It deals with the intricate mechanisms of immune reactions involved in bone marrow transplantation. Part V is chaired by Dr. M. M. Bortin, Milwaukee, Wisconsin, and is entitled "Bone Marrow Transplantation." It is comprised of a series of papers dealing with new approaches and evaluations of clinical bone marrow transplantation. Part VI is headed by Dr. D. E. Harrison, Bar Harbor, Maine, and is entitled "Animal Models of Clinical Conditions." It discusses the proper utilization of animal models for the study of specific human hematological diseases. Attempts were made to represent all disciplines involved in the studies of experimental and clinical hematology. Consequently this yearbook again should be of extreme value to experimental and clinical scientists.

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T. J. MacVittie

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# PART I

## Studies of Hemopoietic Stem Cells

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