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THE LIVER: BIOLOGY AND PATHOBIOLOGY
Irwin M. Arias, Hans Popper, David Schachter and David A. Shafritz, editors

This is the first book to successfully bridge the gap between basic biology and the pathology and clinical management of the liver. In over 50 chapters, basic and clinical investigators pool their knowledge about the liver on the cellular and systemic levels, discussing its function in blood coagulation, metabolism, nutrition, renal function and more. The book concludes with chapters covering models of cell injury, and the pathobiology of major mechanisms in liver diseases, such as cholestasis, fibrogenesis, neoplastic transformation, and portal hypertension.

890 pages/394 illus./102 tables/$95.00/(June 1982) ISBN 0-89004-575-5 (Order Code 672)

LEUKOTRIENES AND OTHER LIPOXYGENASE PRODUCTS
(Advances in Prostaglandin, Thromboxane, and Leukotriene Research, Vol. 9)
Bengt Samuelsson and Rodolfo Paololetti, editors

The recent discovery of leukotrienes has created a considerable stir within the medical-scientific community. This volume is the first comprehensive investigation of this important class of compounds. It provides complete coverage of the biosynthesis and metabolism of leukotrienes and lipoxygenase products, the pharmacologic modulation of leukotriene formation, and the biologic effects of leukotrienes. Major findings presented include: the leukotrienes' involvement in the formation of SRS-A; the role of SRS-A in hypersensitivity reactions; the leukotrienes' role in inflammation; and interactions between leukotrienes and cyclo-oxygenase products.

382 pages/$44.00/with illustrations and tables/(1982)/ ISBN 0-89004-741-3 (Order Code 1052)

PRINCIPLES AND METHODS OF TOXICOLOGY
A. Wallace Hayes, editor

Designed to function as both a textbook and valuable review, this book describes most toxicologic testing methods currently in use. Each method or procedure is described in light of technique and the interpretation of data, and rigorous guidelines are provided to allow the reader to perform the experiment or testing protocol. The rationale behind each experiment is given, and the various problems and pitfalls that may be encountered are emphasized. A separate section dealing with specific organ systems includes chapters on kinetics, metabolism, structure versus activity, and effects on organelles and target organs.

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