CLINICAL DISORDERS OF MEMBRANE TRANSPORT PROCESSES

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Edited by

Thomas E. Andreoli, M.D.

*University of Texas Medical School
Houston, Texas*

Joseph F. Hoffman, Ph.D.

*Yale University School of Medicine
New Haven, Connecticut*

Darrell D. Fanestil, M.D.

*University of California, San Diego
La Jolla, California*

and

Stanley G. Schultz, M.D.

*University of Texas Medical School
Houston Texas*

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Contributors

THOMAS E. ANDREOLI, M.D.
Edward Randall III Professor and Chairman
Department of Internal Medicine
Professor of Physiology and Cell Biology
University of Texas Medical School
Houston, Texas 77225

STANLEY H. APPEL, M.D.
Professor and Chairman
Program in Neuroscience
Department of Neurology
Baylor College of Medicine
Houston, Texas 77030

LOUIS V. AVIOLI, M.D.
Professor of Medicine
Department of Medicine
Washington University School of Medicine at The Jewish Hospital of
St. Louis
St. Louis, Missouri 63110

LEE R. BERKOWITZ, M.D.
Department of Medicine
University of North Carolina
School of Medicine
Chapel Hill, North Carolina 27514

STANLEY J. BIRGE, M.D.
Associate Professor of Medicine
Department of Medicine
Washington University School of Medicine at The Jewish Hospital of
St. Louis
St. Louis, Missouri 63110

ROLAND C. BLANTZ, M.D.
Professor of Medicine
Department of Medicine
University of California, San Diego
School of Medicine
La Jolla, California 92093
Chief of Nephrology
Veterans Administration Medical Center
San Diego, California 92161

JOSEPH V. BONVENTRE, M.D., PH.D.
Assistant Professor of Medicine
Department of Preventive Medicine
and Clinical Epidemiology
Massachusetts General Hospital
Department of Medicine

Harvard Medical School and
Massachusetts General Hospital
Boston, Massachusetts 02114

JOSEPH Y. CHEUNG, M.D.
Research Fellow in Medicine
Department of Preventive Medicine
and Clinical Epidemiology
Massachusetts General Hospital
Department of Medicine
Harvard Medical School and
Massachusetts General Hospital
Boston, Massachusetts 02114

R. MICHAEL CULPEPPER, M.D.
Assistant Professor of Medicine
Division of Nephrology
University of Texas Medical School
Houston, Texas 77225

RALPH A. DEFONZO, M.D.
Associate Professor of Medicine
Department of Medicine
Yale University School of Medicine
New Haven, Connecticut 06510

JOHN M. DIETSCHY, M.D.
Professor of Medicine
Department of Internal Medicine
Southwestern Medical School
University of Texas Health Science Center
Dallas, Texas 75235

ROBERT F. GILMOUR, JR., PH.D.
Assistant Professor of Pharmacology
and Medicine
Krannert Institute of Cardiology
Departments of Medicine and Pharmacology
Indiana University School of Medicine
Indianapolis, Indiana 46223

ALBERT M. GORDON, PH.D.
Professor
Department of Physiology and Biophysics
University of Washington School of Medicine
Seattle, Washington 98195

STEVEN C. HEBERT, M.D.
Assistant Professor of Medicine
Division of Nephrology

University of Texas Medical School
Houston, Texas 77225

Present address

Department of Internal Medicine
Brigham and Women's Hospital
Boston, Massachusetts 02115

LEONARD R. JOHNSON, PH.D.

Professor of Physiology and Cell Biology
Department of Physiology and Cell Biology
University of Texas Medical School
Houston, Texas 77225

ALEXANDER LEAF, M.D.

Professor of Medicine
Ridley Watts Professor of Preventive Medicine
Department of Preventive Medicine
and Clinical Epidemiology
Massachusetts General Hospital
Department of Medicine
Harvard Medical School and
Massachusetts General Hospital
Boston, Massachusetts 02114

ANTHONY D. C. MACKNIGHT, M.D., PH.D.

Department of Physiology
University of Otago Medical School
Dunedin, New Zealand

JOHN A. MANGOS, M.D.

Professor of Physiology and Pediatrics
Chairman, Department of Pediatrics
University of Texas Health Science Center
San Antonio, Texas 78284

JOSEPH PALMISANO, M.D.

Assistant Professor of Medicine
Division of Nephrology
Department of Medicine
University of Connecticut School of Medicine
Farmington, Connecticut 06032

JOHN C. PARKER, M.D.

Professor of Medicine
Department of Medicine
University of North Carolina
School of Medicine
Chapel Hill, North Carolina 27514

JUAN C. PELAYO, M.D.

Assistant Professor of Medicine
Department of Medicine
University of California, San Diego
School of Medicine
La Jolla, California 92093
Veterans Administration Medical Center
San Diego, California 92161

GORDON A. PLISHKER, PH.D.

Assistant Professor of Neurology
Program in Neuroscience
Department of Neurology
Baylor College of Medicine
Houston, Texas 77030

BENGT RIPPE, M.D.

Department of Physiology
University of South Alabama
College of Medicine
Mobile, Alabama 36688

ROBERT L. RUFF, M.D., PH.D.

Assistant Professor
Department of Neurology
Cleveland Veterans Administration Hospital and Case Western Reserve University
Cleveland, Ohio 44106

JERRY A. SCHNEIDER, M.D.

Professor of Pediatrics
Metabolic Diseases Division
Department of Pediatrics
University of California at San Diego
La Jolla, California 92093

JOSEPH D. SCHULMAN, M.D.

Director
Genetics and IVF Institute
Department of Obstetrics and Gynecology
Fairfax Hospital
Fairfax, Virginia 22031

PHILIP R. STEINMETZ, M.D.

Professor of Medicine
Chairman, Division of Nephrology
Department of Medicine
University of Connecticut School of Medicine
Farmington, Connecticut 06032

AUBREY E. TAYLOR, PH.D.

Professor and Chairman
Department of Physiology
University of South Alabama
College of Medicine
Mobile, Alabama 36688

SAMUEL O. THIER, M.D.

Professor and Chairman
Department of Medicine
Yale University School of Medicine
New Haven, Connecticut 06510

HENRIK WESTERGAARD, M.D.

Assistant Professor of Medicine
Department of Internal Medicine
Southwestern Medical School
University of Texas Health Science Center
Dallas, Texas 75235

DOUGLAS P. ZIPES, M.D.

Professor of Medicine
Director of Cardiovascular Research
Krannert Institute of Cardiology
Department of Medicine
Indiana University School of Medicine
Roudebush Veterans Administration
Medical Center
Indianapolis, Indiana 46223

Preface

Clinical Disorders of Membrane Transport Processes is a softcover book containing a portion of *Physiology of Membrane Disorders (Second Edition)*. The parent volume contains six major sections that deal with general aspects of the physiology of transport processes and specific aspects of transport processes in cells and in organized cellular systems, namely epithelia. This text contains the last section, which deals with the application of the physiology of transport processes to the understanding of clinical disorders.

We hope that this smaller volume will be helpful to individuals particularly interested in clinical derangements of membrane transport processes.

THOMAS E. ANDREOLI
JOSEPH F. HOFFMAN
DARRELL D. FANESTIL
STANLEY G. SCHULTZ

Preface to the Second Edition

The second edition of *Physiology of Membrane Disorders* represents an extensive revision and a considerable expansion of the first edition. Yet the purpose of the second edition is identical to that of its predecessor, namely, to provide a rational analysis of membrane transport processes in individual membranes, cells, tissues, and organs, which in turn serves as a frame of reference for rationalizing disorders in which derangements of membrane transport processes play a cardinal role in the clinical expression of disease.

As in the first edition, this book is divided into a number of individual, but closely related, sections. Part V represents a new section where the problem of transport across epithelia is treated in some detail. Finally, Part VI, which analyzes clinical derangements, has been enlarged appreciably.

THE EDITORS

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