SCIENCE AND PRACTICE OF PHARMACOTHERAPY I PANEL

Editorial Board Liaison

Michelle M. Richardson, Pharm.D., FCCP, BCPS

Special and Scientific Staff

William B. Schwartz, M.D. Division of Nephrology

Tufts—New England Medical Center

Assistant Professor of Medicine

Tufts University School of Medicine

Boston, Massachusetts

Authors

Carmen A. Catizone, M.S., R.Ph., D.Ph.

Executive Director/Secretary

National Association of Boards of Pharmacy

Mount Prospect, Illinois

Roy K. Guharoy, Pharm.D., M.B.A., FCCP, FCP, FASHP

Associate Professor

Associate Chief

Section of Clinical Pharmacology

Department of Medicine

Director of Pharmacy Services

University Hospital

Associate Professor

School of Nursing

SUNY-Upstate Medical University

Syracuse, New York

Associate Professor

Albany College of Pharmacy

Union University

Associate Professor
Wilkes University School of Pharmacy
Wilkes-Barre, Pennsylvania

Albany, New York

John Noviasky, Pharm.D.

Associate Director of Clinical Services
Upstate Medical University
University Hospital
Syracuse, New York

Scott A. Strassels, Pharm.D., Ph.D., BCPS

Assistant Professor

Division of Pharmacy Practice

College of Pharmacy

The University of Texas at Austin

Austin, Texas

Donna S. Wall, Pharm.D., R.Ph., BCPS, FASHP

Critical Care Clinical Pharmacist

Clarian Health Partners

Indiana University Hospital

Indianapolis, Indiana

James P. Wilson, Pharm.D., Ph.D.

Head

Pharmacy Practice Division

Associate Professor

Pharmacy Practice and Administration Departments

College of Pharmacy

The University of Texas at Austin

Austin, Texas

Reviewers

The American College of Clinical Pharmacy and the authors would like to thank the following individuals for their careful review of the Book 4 chapters:

Nicola G. Dahl, Pharm.D. Medical Writer Kanab, Utah

Julia Elenbaas, Pharm.D. Belton, Missouri

Biostatistics

Madeline McCarren, Ph.D., M.P.H. *Biostatistician*Benefits Management

U.S. Department of Veteran Affairs

Hines, Illinois

Todd P. Semla, Pharm.D., M.S., FCCP, BCPS, AGSF

Clinical Pharmacy Specialist

Benefits Management

U.S. Department of Veteran Affairs

Hines, Illinois

Associate Professor

Department of Psychiatry and Behavioral Sciences

The Feinberg School of Medicine

Northwestern University

Chicago, Illinois

Pharmacoepidemiology

Teresa S. Dunsworth, Pharm.D., FCCP, BCPS

Clinical Pharmacist
Care Partners, Inc.
Morgantown, West Virginia

John D. Seeger, Pharm.D., Dr.P.H.

Senior Scientist
Epidemiology
i3 Drug Safety
Waltham, Massachusetts
Adjunct Assistant Professor
Epidemiology
Harvard School of Public Health
Boston, Massachusetts

SCIENCE AND PRACTICE OF PHARMACOTHERAPY I PANEL

Conflict of Interest and Potential Ethical Dilemmas in Clinical Practice

Larry H. Danziger, Pharm.D.

Professor of Pharmacy Practice

Co-Director, Section of ID Pharmacotherapy
Department of Pharmacy Practice
College of Pharmacy Practice
College of Pharmacy in Medicine
Division, Infectious Diseases
College of Medicine

Associate Vice Chancellor for Research
Human Protections Administrator
Compliance Officer for Assurances

Office for the Vice Chancellor for Research
University of Illinois at Chicago
Chicago, Illinois

Michelle M. Richardson, Pharm.D., FCCP, BCPS

Special and Scientific Staff

William B. Schwartz, M.D. Division of Nephrology

Tufts—New England Medical Center

Assistant Professor of Medicine

Tufts University School of Medicine

Boston, Massachusetts

<u>The Food and Drug Administration, National Drug</u> <u>Policy, and the United States Drug Distribution System</u>

Judy W.M. Cheng, Pharm.D., M.P.H., FCCP, BCPS

(AQ Cardiology)

Professor of Pharmacy Practice

Department of Pharmacy Practice

Massachusetts College of Pharmacy and Health Sciences

Clinical Pharmacist

Brigham and Women's Hospital

Boston, Massachusetts

Jerilyn B. Petropoulos, Pharm.D., BCPS

Data Manager

Benefits Management

U.S. Department of Veterans Affairs

Miami, Florida

Disclosure of Potential Conflicts of Interest

Consultancies: Judy W.M. Cheng (Scios Pharmaceuticals, sanofi-aventis); Clarence Chant (Eli Lilly Canada); Larry H. Danziger (Abbott, Oculus, Ortho, Viropharm, Pfizer, RJM Associates); Teresa S. Dunsworth (Medicaid P&T Board; West Virginia University Hospitals P&T Committee); Anne Hume (New England Research Institute, Pharmacotherapy Consultants of New England); Linda G. Martin (Albany County Family Planning, Wyoming Medicaid Drug Utilization, Downtown Clinic – Laramie, WY, Wyoming Society of Health-System Pharmacy); Michelle M. Richardson (National Kidney Foundation, Agency for Health Care Research/Centers for Medicare and Medicaid Services, Amgen); Scott H. Simpson (Capital Health, University of Alberta); Scott A. Strassels (Ortho McNeil Janssen); Donna S. Wall (Indiana State Board of Pharmacy, Epedigree NET, Butler University); Donna S. West (NCPA, ACA); Barbara J. Zarowitz (Esai).

Stock Ownership: Katherine H. Chessman (Proctor and Gamble, stock owned by spouse or significant other); Larry H. Danziger (Pfizer, Abbott); Madeline McCarren (Caremark Rx); Jerilyn B. Petropoulos (Pfizer, stock owned by spouse or significant other, GlaxoSmithKline, Viragen); Michelle M. Richardson (TEI Biosciences Inc., stock owned by spouse or significant other); John D. Seeger (United Health Group); Donna S. West (Pfizer, AstraZeneca owned by spouse or significant other); Barbara J. Zarowitz (Omnicare Inc).

Royalties: Grants: Larry H. Danziger (Oculus Pharmaceuticals); Anne Hume (National Library of Medicine, Bureau of Health Professions, Agency for Healthcare Research and Quality); Lisa Hutchison (Pfizer Inc., Ortho-Biotech, Beverly Enterprises); Linda G. Martin (State of Wyoming Department of Health Aging Division); Madeline McCarren (Veterans Affairs Cooperative Studies Program); Michelle M. Richardson (QualityMetric and Tufts-New England Medical Center), Scot H. Simpson (CIHR/RX&D Health Foundation Summer Research Studentship in Pharmacy, Canadian Stroke Network, Heart and Stroke Foundation of Alberta, NWT & Nunavut, Institute of Health Economics, Alberta Heritage Foundation for Medical Research, Canadian Institutes of Health, Canadian Diabetes Association, Canadian Institutes of Health Research); Scott A. Strassels (ExcelleRx, Inc, Purdue Pharma, Mayday Fund/Arthur Vining Davis Foundation); Donna S. Wall (Alk Laboratories, Private Foundation-Gustavus and Louise Pfeiffer Foundation, Clinitrend Ovation Research, Roche Labs, Pfizer, Schering-Plough); Donna S. West (Arkansas Foundation for Medical Care).

Honoraria: Judy W.M. Cheng (Scios Pharmaceuticals, Millennium Pharmaceuticals); Katherine H. Chessman (Pfizer Inc Michelle M. Richardson (Amgen); Larry H. Danziger (Indianapolis College of Clinical Pharmacy, Blue Cross Blue Shield, DuPage County Hospital Pharmacy Association); Roy Guharoy (Wyeth Pharmaceuticals); John Noviasky (Pharmacia); Scot H. Simpson (Sanofi-Aventis, Merck Canada Inc); Donna S. Wall (State Board of Pharmacy).

Other: Todd P. Semla (spouse or significant other employed by Abbott); Donna West (spouse or significant other employed by AstraZeneca).

Nothing to Disclose: Carmen A. Catizone; Bill G. Felkey; Brent I. Fox; Adam Jackson; Emilie Karpiuk; James P. Wilson.