

## Scientific Advisory Board

### **Floyd E. Bloom, M.D.**

*Floyd E. Bloom, M.D.* is chairman of our scientific advisory board. Dr. Bloom has investigated comprehensive neurotransmitter systems at the anatomical, physiological and pharmacological levels. Dr. Bloom has conducted correlative studies of the noradrenergic innervation of cerebellum and cerebral cortex. Dr. Bloom was also one of the first neurobiologists to utilize modern molecular biological techniques in a search for molecules of importance in brain function and the characterization of brain specific genes. Recognizing the value of computers in neuroscience, he pioneered their application to neuroanatomic investigations and the development of a neuro-anatomic database. His work has found considerable applicability to many enigmatic disorders of the nervous system, such as the addictive states, the dementias and the major psychoses. Dr. Bloom is presently chairman of the Department of Neuropharmacology at The Scripps Research Institute. He previously was director of Behavioral Neurobiology at The Salk Institute and Chief of the Laboratory of Neuropharmacology of NIMH. A member of the National Academy of Sciences and the Institute of Medicine, he has received numerous awards, including the Pasarow Award for Neuropsychiatry and the Herman von Helmholtz Award, as well as a number of honorary degrees from major universities. In addition, Dr. Bloom was the editor-in-chief of Science Magazine from May 1995 to June 2000. Dr. Bloom received an A.B. cum laude from Southern Methodist University and received a M.D. from Washington University.

### **William A. Craig, M.D.**

Dr. Craig is a professor of medicine at the University of Wisconsin Medical School and professor of pharmaceuticals at the University of Wisconsin School Of Pharmacy. Dr. Craig has been the Head of the Clinical Pharmacology Section at the University of Wisconsin Medical School since 1979. He actively teaches as professor of medicine and professor of pharmaceuticals at the University of Wisconsin. Dr. Craig earned his medical degree at Tufts University School of Medicine and completed his internship and residency in internal medicine at the University of Wisconsin Medical School and a fellowship in infectious diseases at the University of Wisconsin and Madison Veterans Administration Hospital. He is board certified in internal medicine, with a subspecialty in infectious diseases. Dr. Craig is an Editor of Antimicrobial Agents and Chemotherapy and has recently chaired several infectious disease meetings and organizations. He also serves on the Subcommittee on Antimicrobial Susceptibility Testing for the National Committee for Clinical Laboratory Standards.

### **Joseph T. DiPiro, Ph.D.**

*Joseph T. DiPiro, Ph.D.*, is the Panoz Professor of Pharmacy at the University of Georgia College of Pharmacy and clinical professor of surgery at the Medical College of Georgia. He is also assistant dean for the College of Pharmacy and the School of Medicine at the Medical College of Georgia, and head of the department of clinical and administrative pharmacy. He served as director of surgical research at the Medical College of Georgia from 1990 to 2000. Dr. DiPiro has published over 120 papers in academic and professional journals, mainly related to antibiotics, drug use in surgery, various issues in pharmacy practice and pharmacy education. His papers have appeared in Antimicrobial Agents and Chemotherapy, Pharmacotherapy, Critical Care Medicine, JAMA, Annals of Surgery, Archives of Surgery, American Journal of Surgery, Journal of Pharmacology and Experimental Therapeutics and Surgical Infections. He is the senior editor for Pharmacotherapy: A Pathophysiologic Approach, now in its 5th edition and editor of the American Journal of Pharmaceutical Education. He is also the author of Concepts in Clinical Pharmacokinetics and Editor of the Encyclopedia of Clinical Pharmacy. He serves on the editorial boards of Pharmacotherapy, American Surgeon and Medscape Pharmacy. He has been a member of the Surgical Infection Society Therapeutic Agents Committee and the American Society of Health-System Pharmacists. He is a Fellow of the American College of Clinical Pharmacy and has served on the Research Institute Board of Trustees. In 2002, the American Association of Colleges of Pharmacy selected Dr. DiPiro for the Robert K. Chalmers Distinguished Educator Award. He has also received the Russell R. Miller Literature Award from the American College of Clinical Pharmacy and the Award for Sustained Contributions to the Literature from the American Society of Health-System Pharmacists. Dr. DiPiro received his B.S. from the University of Connecticut and received his Doctor of Pharmacy from the University of Kentucky.

### **George L. Drusano, M.D.**

*George L. Drusano, M.D.* served as chief resident at the University of Maryland Hospital and became a tenured professor in 1992. Dr. Drusano currently serves as director of clinical pharmacology and associate director of the clinical research institute at Albany Medical College. Dr. Drusano is a fellow of the Infectious Diseases Society of America and a fellow of the American Academy of Microbiology. He has served on the program committee of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), and has served as pharmacology editor for the journal *Antimicrobial Agents and Chemotherapy*. He has served as president of the International Society for Anti-infective Pharmacology (ISAP). He was the recipient of the Rhone-Poulenc Award (1991) for the most innovative research with fluoroquinolones. He was also the recipient of the American Society of Health System Pharmacy Research and Education Foundation Drug Therapy Research Award for outstanding contribution to the scientific pharmaceutical literature (1998). He currently reviews for several scientific journals, including the *Journal of the American Medical Association*, the *New England Journal of Medicine* and the *Annals of Internal Medicine*. He is a consultant for over 20 companies in the pharmaceutical industry. Dr. Drusano received a bachelor's degree in physics magna cum laude from Boston College. Dr. Drusano received a M.D., cum laude from the University of Maryland School of Medicine.

### **James W. McGinity, Ph.D.**

*James W. McGinity, Ph.D.*, is the holder of the Johnson and Johnson Centennial Chair in Pharmacy and is professor and division head of pharmaceuticals in the College of Pharmacy, the University of Texas at Austin. Prior to joining the University of Texas in 1976, he was a research scientist at the Squibb Institute for Medical Research in New Brunswick, N.J. Dr. McGinity's research interests and publications are in the areas of physical pharmacy and pharmaceutical technology. He has been issued 13 U.S. patents and currently has five patent applications under review with the U.S. patent office. His research has been published in journals such as *Science*, *Journal of Pharmaceutical Sciences*, *Pharmaceutical Development and Technology*, *Pharmaceutical Research*, *International Journal of Pharmaceutics* and the *Journal of Microencapsulation*. He has been the U.S. Editor for the *European Journal of Pharmaceutics and Biopharmaceutics* since 1995. Dr. McGinity has been a consultant to the FDA and many pharmaceutical and chemical companies both in the U.S. and Europe. He received his B.S. in pharmacy at the University of Queensland, Australia, and his Ph.D. in physical pharmacy from the University of Iowa.

### **Robert C. Moellering, Jr., M.D.**

Dr. Moellering is the Herman Ludwig Blumgart Professor of Medicine at Harvard Medical School and Physician-in-Chief and Chairman of the Department of Medicine at Beth Israel Deaconess Medical Center. Trained as an infectious disease specialist, Dr. Moellering has been actively involved in laboratory research for the past 30 years and presently serves as chairman of one of the major academic departments of medicine at Harvard Medical School. As reported in over 350 publications in scientific journals, Dr. Moellering's work includes numerous studies of the mechanism of action and mechanisms of resistance to antimicrobial agents. Most recently, Dr. Moellering and his colleagues have been investigating the mechanisms of resistance to vancomycin and oxazolidinones in *Staphylococcus aureus* and are studying the basis for pathogenesis in enterococci and staphylococci. He received his M.D. degree cum laude from Harvard Medical School and completed his internship and residency at Massachusetts General Hospital. He also completed a fellowship in infectious disease prior to joining the faculty of Harvard Medical School. A recognized expert in his field, Dr. Moellering is a member of several professional organizations, including the Infectious Disease Society of America and the American Academy of Microbiology. He has served as Editor-in-Chief of *Antimicrobial Agents and Chemotherapy*, and currently serves as Editor of both *Infectious Disease Clinics of North America* and *European Journal of Clinical Microbiology and Infectious Diseases*.