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Medicine, Pharmacology, Molecular Biology and Microbiology, Biochemistry, and Proteomics and Bioinformatics

Novel β -lactam/ β -lactamase Inhibitors

Dr. Robert A. Bonomo is Distinguished University Professor of Medicine, Pharmacology, Molecular Biology and Microbiology, Biochemistry, and Proteomics and Bioinformatics at Case Western Reserve University School of Medicine. He also serves as Associate Chief of Staff for Academic Affairs at the Louis Stokes Cleveland VA Medical Center, Director of the Cleveland Geriatric Research and Education Clinical Care Center, Vice Chair for Veterans Affairs in the University Hospitals Case Medical Center Department of Medicine and Director, CWRU-Cleveland VAMC Center for Antimicrobial Resistance and Epidemiology (Case VA CARES). His research interests include the mechanistic basis of resistance to β -lactam antibiotics and β -lactamase inhibitors in Gram negative and Mycobacteria, the molecular epidemiology of multidrug resistant Gram-negative bacteria, infections in the elderly, and the implementation of molecular diagnostics in clinical care of patients with infectious disease. He is an elected fellow of the Infectious Diseases Society of America, American Academy of Microbiology, the Association of American Physicians, the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) and has been appointed to PCORI as a representative of the Infectious Diseases Society of America. He is also Co-Director of the Laboratory Center of the NIH Sponsored Antibacterial Resistance Leadership Group (ARLG).