

Prof. Dr. Björn C. Knollmann, MD, PhD



Björn C. Knollmann, MD, PhD, is a Professor of Medicine and Pharmacology, and Fellowship Director for the Division of Clinical Pharmacology within the Department of Medicine at Vanderbilt University Medical Center. After starting medical school in Germany, Dr. Knollmann received his MD degree from the University of Cincinnati. He was a resident in Medicine and a fellow in Clinical Pharmacology at Georgetown University, where he also trained in bench research and received a PhD degree in Pharmacology. His first faculty appointment was at Georgetown, where he ultimately rose to direct Clinical Pharmacology before being recruited to Vanderbilt in 2005.

Dr. Knollmann is board-certified in Internal Medicine and Clinical Pharmacology. He serves as Director of the Vanderbilt Center for Arrhythmia Research and Therapeutics and is the holder of the William Stokes Endowed Chair in Experimental Therapeutics. His research interest is finding new mechanisms and treatments for heart rhythm disorders. Supported by National Institute of Health (NIH) R35, R01 and American Heart Association grants, Dr. Knollmann's laboratory and clinical research programs investigate molecular arrhythmia mechanisms and test new therapies in human induced pluripotent stem cell models, in animal models and in humans. Dr. Knollmann has served as primary mentor for 28 post-doctoral fellows and graduate students, many of whom hold appointments in academic departments.

Dr. Knollmann is the editor of the classic textbook of pharmacology: Goodman & Gilman's The Pharmacological Basis of Therapeutics. He has served as chartered member of NIH study sections, and on the scientific programming committees for the Heart Rhythm Society, the American Heart Association, and the International Society for Heart Research. He has been elected to membership in the American Society for Clinical Investigation and the Association of American Physicians, and fellowship in the American Association for the Advancement of Science.