

**Roberto F. Machado, MD**

Associate Professor of Medicine

Section of Pulmonary, Critical Care Medicine, Sleep and Allergy

Institute for Personalized Respiratory Medicine

University of Illinois at Chicago College of Medicine

Chicago, IL

Dr. Roberto Machado is an Associate Professor of Medicine, Section of Pulmonary and Critical Care Medicine, Department of Medicine, at the University of Illinois at Chicago. He is board certified in Internal Medicine, Pulmonary Medicine, and Critical Care Medicine.

Dr. Machado received his medical degree from the Universidade Federal de Rio Grande do Sul, Brazil. After completing his residency in Internal Medicine at the University of Miami in Miami, FL, he went on to complete a fellowship in Pulmonary & Critical Care Medicine at the Cleveland Clinic Foundation in Cleveland, OH.

Dr. Machado's current research efforts are focused in three areas: clinical and physiologic characterization of the effects of pulmonary arterial hypertension in patients with sickle cell disease, physiologic and genomic characterization of pulmonary endothelial function in patients with pulmonary arterial hypertension, and development of small molecule therapeutics (such as carbon monoxide and nitric oxide) in advanced lung diseases such as pulmonary hypertension.

He serves on the editorial board of several journals including *American Journal of Respiratory and Critical Care Medicine*, *Brazilian Journal of Intensive Care Medicine*, and *Pulmonary Circulation*. He is a member of the American College of Physicians, American Thoracic Society, and the American College of Chest Physicians.