

Dr. Christophe P. Ribelayga, Ph.D., received his degree in Neuroscience from the University Louis Pasteur (France) in 2000 and followed with postdoctoral training at The University of Alabama at Birmingham (USA). He was a faculty member in the Department of Neuroscience at The Ohio State University in Columbus (USA) from 2005 to 2009 and moved to his current position in the Ruiz Department of Ophthalmology and Visual Science at The University of Texas in Houston (USA) in 2009. He has also joined the faculty at the Graduate School of Biomedical Sciences in Houston in 2009. Dr. Ribelayga's laboratory studies the function of circadian clocks in the retina, and in particular the role of circadian clocks as adaptive processes to the predictable changes in ambient light intensity. Dr. Ribelayga was an early proponent of studying circadian clocks in the retina, as retinal clocks represent an important physiological mechanism regulating day and night vision. His more recent work has focused on the circadian clock regulation of photoreceptor electrical coupling and its role in the activity of the rod and cone pathways. Dr. Ribelayga has co-authored several widely cited reviews of the biology and physiological impact of circadian clocks in the vertebrate retina.