

Paul L. Durham, PhD

Paul L. Durham, PhD, received a PhD from the University of Iowa. His long-term interest lies in understanding the cellular and molecular mechanisms involved in the synthesis and release of neuropeptides from sensory neurons. A primary goal of Dr. Durham's research is to determine the signaling pathways by which inflammatory and anti-inflammatory agents control neuropeptide gene expression in disorders involving the trigeminal nerve. Currently, he is studying the regulation of the neuropeptide calcitonin gene-related peptide gene (CGRP) expression in cultured trigeminal neurons, neuronal-like cell lines, in vivo animal models, and clinical studies. Dr. Durham is a Member of the Society for Neuroscience, a Member of the American Association for the Advancement of Science, a Member of the American Headache Society, and a Member of the American Academy of Orofacial Pain. In addition, he has served on numerous NIH study sections and is currently a reviewer for 15 journals.