



**Carmen L. Cadilla, Ph.D.**  
**Professor of Biochemistry**  
**Key Activity Director, RCMC Center for Genomics in**  
**Health Disparities and Rare Disorders**

Dr. Carmen L. Cadilla holds a B.S. in Chemistry from UPR Mayagüez, an M.S. in Chemistry (Major: Organic Chemistry) from UPR Rio Piedras, and a Ph.D. in Biomedical Sciences with a major in Biochemistry from the University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences. Her doctoral work was on chromatin structure using ciliated protozoa as model systems. Her postdoctoral training in molecular biology was at the Oak Ridge National Laboratories-Biology Division, working on gene characterization and regulation of genes by insulin in rat liver and hepatoma cells.

Dr. Cadilla joined the faculty at the UPR School of Medicine in 1990, in the Department of Microbiology, and in 1996 transferred to the Department of Biochemistry, where she directs the laboratory of Human Molecular Genetics and the MBRS-RISE Program of the Medical Sciences Campus. Her research is funded currently by the NCCR RCMC Program of the Medical Sciences Campus and UPR. Her current research focuses on genetic diseases that affect the Puerto Rican population.

She teaches a graduate course in molecular biology and the topics of molecular genetics, regulation of gene expression and mechanisms of hormone action to medical, dental and graduate students. She has also coordinated the Protein Biochemistry, Molecular Biology and Regulation of Eukaryotic Gene Expression courses in the Department of Biochemistry, as well as participated in the Molecular Physiology course of the Department of Physiology, UPR School of Medicine and the Pharmacogenetics course of the UPR School of Pharmacy. Dr. Cadilla has a joint appointment in the Department of Pediatrics.

Research Areas: Biochemistry/Birth, Congenital Defects

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