

B I O M E D I C A L · R E S E A R C H

PUSHING THE ENVELOPE OF
MEDICAL ADVANCES THAT DRIVE
HOME ECONOMIC SUCCESS



LSU HEALTH SCIENCES CENTER



DOING EASILY WHAT OTHERS
FIND DIFFICULT IS TALENT;
DOING WHAT IS IMPOSSIBLE
FOR TALENT IS GENIUS.
—HENRI FRÉDÉRIC AMIEL

Nicolas Bazan, M.D., Ph.D., is working to fully understand the signaling pathways through which neurotransmitters control communication between brain cells and the activity of genes. Determining the cross talk between synapses and genes is leading to the development of drugs to prevent or repair synaptic chaos due to injury or disease. His lab has developed a new drug that prevents the overproduction of Cox-2, preventing damage and brain cell death in conditions such as stroke, epilepsy, neurodegenerative diseases, and traumatic head injury, as well as a drug that experimentally slows the progression of retinitis pigmentosa.

BREAK-THRU