

Mark DeCoster, Ph.D.

Assistant Professor Research, 1994-2006
LSU Neuroscience Center of Excellence

Current Position:

Associate Professor
James E. Wyche III Professor in Engineering, and Biomedical Engineering
Louisiana Tech University, Ruston, LA

Selected Publications while at the LSU Neuroscience Center of Excellence

Zhu, P., **DeCoster, M.A.**, Bazan, N.G. Interplay among platelet-activating factor, oxidative stress, and group I metabotropic, glutamate receptors modulates neuronal survival. *J Neurosci Res* 77:525-531, 2004

Rodríguez de Turco, E.B., Jackson, F.R., **DeCoster, M.A.**, Kolko, M., Bazan, N.G. Glutamate signaling and secretory phospholipase A₂ modulate the release of arachidonic acid from neuronal membranes. *J Neurosci Res* 68:558-567, 2002

Rodriguez de Turco, E.B., Jackson, F.R., **DeCoster, M.A.**, Kolko, M., Bazan, N.G. Glutamate signaling and secretory phospholipase A₂ modulate the release of arachidonic acid from neuronal membrane. *J Neurosci Res* 68:558-567, 2002

DeCoster, M.A., Lambeau, G., Lazdunski, M., Bazan, N.G. Secreted phospholipase A₂ potentiates glutamate-induced calcium increase and cell death in primary neuronal cultures. *J Neurosci Res* 67:634-645, 2002