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Research Interests: Light and electron microscopy, glial cell interactions, neurotoxicity
Selected Publications:

For complete list [PubMed](#)

DiProspero, N.A., Zhou, X-R, Meiners, S., McAuliffe, W.G., Ho, S-Y and Geller, H.M. 1998 Suramin disrupts the gliotic response following a stab wound injury to the adult rat brain. *J. Neurocytology*, 27, 491-506.

Liberatore, G.T., Jackson-Lewis, V., Vukosavic, S., Mandir, A.S., Vila, M., McAuliffe, W.G., Dawson, V.L., Dawson, T.M. and Przedborski, S. 1999 Inducible nitric oxide synthase stimulates dopaminergic neurodegeneration of the MPTP model of Parkinsons disease. *Nature Medicine*, 5, 1403-1409.

Aoki, C., Wu, K., Elste, A., Len, G-W, Llin, S-Y, McAuliffe G. and Black, I.B. 2002 Localization of brain-derived neurotrophic factor and TrkB receptors to postsynaptic densities of adult rat cerebral cortex. *J. Neurosci. Res.*, 59, 454-463.

Wu, K., Len, GW McAuliffe, G. Ma, C Tai, JP, Xu, F. and Black IB. Brain-derived neurotrophic factor acutely enhances tyrosine phosphorylation of the AMPA receptor subunit GluR1 via NMDA receptor-dependent mechanisms. *Molec. Brain Res.* 2004, 130:178-186.

Phillipson-Weiner, L, Mirek, ET, Wang, Y, McAuliffe, WG, Wek, RC, Anthony TG. General control nonderepressible 2 (GCN2) deletion predisposes to asparaginase-associated pancreatitis in mice. *American Journal of Physiology; Gastrointestinal and Liver Physiology* 310(11): G1061-1070, June 1, 2016. DOI: 10.1152/ajpgi.00052.2016.

Huang Y, Song, YJ, Isaac M, Miretzky, S, Patel A, McAuliffe G, and Dreyfus CF. TrkB on oligodendrocyte lineage cells directly impacts myelin following a demyelinating lesion. Submitted.