

## MRICD OPEN LITERATURE PUBLICATIONS AND BOOK CHAPTERS

### **2009:**

Anderson, Dana R., Taylor, Stephanie L., Fetterer, David P., Holmes, Wesley W. Evaluation of protease inhibitors and an antioxidant for treatment of sulfur mustard-induced toxic lung injury. *Toxicology*. 263, 41-46, 2009.

Apland, James P., Aroniadou-Anderjaska, V., Braga, Maria F.M. Soman induces ictogenesis in the amygdala and interictal activity in the hippocampus that are blocked by a GluR5 kainate receptor antagonist in vitro. *Neuroscience*, 159(1), 380-389, 2009.

Brimfield, Alan A., Mancebo, A.M., Mason, R.P., Jiang, J.J., Siraki, A.G., Novak, M.J. Free radical production from the interaction of 2-chloroethyl vesicants (mustard gas) with pyridine nucleotide-driven flavoprotein electron transport systems. *Toxicology and Applied Pharmacology*, 234, 128–134, 2009.

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Dillman, James F. III, Phillips, Christopher S., Kniffin, Denise M., Tompkins, Christina P., Hamilton, Tracey A., Kan, Robert K. Gene expression profiling of rat hippocampus following exposure to the acetylcholinesterase inhibitor soman. *Chemical Research in Toxicology*, 22(4), 633–638, 2009.

Graham, John S., Stevenson, Robert S., Mitcheltree, Larry W., Hamilton, Tracey A., Deckert, Robin R., Lee, Robyn B., Schiavetta, Ann M. Medical management of cutaneous sulfur mustard injuries. *Toxicology*, 263, 47-58, 2009.

Logue, Brian A., Maserek, Wendy K., Rockwood, Gary A., Keebaugh, Michael W., Baskin, Steven I. The analysis of 2-amino-2-thiazoline-4-carboxylic acid in the plasma of smokers and non-smokers. *Toxicology Mechanisms and Methods*, 19(3), 202-208, 2009.

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### **2008:**

Adler, Michael, Oyler, George, Apland, James P., Deshpande, Sharad S., Nicholson, James D., Anderson, Jaime, Millard, Charles B., Lebeda, Frank J. Mechanism of action of botulinum neurotoxin and overview of medical countermeasures for intoxication. In: *Chemical Warfare Agents: Chemistry, Pharmacology, Toxicology, and Therapeutics* (eds. J.A. Romano, Jr., B.J. Lukey, H. Salem), 2<sup>nd</sup> ed. CRC Press: Boca Raton, FL, pp. 389-422, 2008.

Ballough, Gerald P.H., Kan, Robert K., Nicholson, James D., Fath, Denise M., Tompkins, Christina P., Moffa, Gina M., Filbert, Margaret G. Brain damage from soman-induced seizures is greatly exacerbated by dimethyl sulfoxide (DMSO): Modest neuroprotection by 2-aminoethyl diphenylborinate (2-APB), a transient receptor potential channel inhibitor and inositol 1,4,5-triphosphate receptor antagonist. *Journal of Medical, Chemical, Biological and Radiological Defense*, Volume 6, (4 March) 2008.  
[http://www.jmedcbr.org/issue\\_0601/Ballough/Ballough\\_03\\_08.html](http://www.jmedcbr.org/issue_0601/Ballough/Ballough_03_08.html)

Barr, John R., Pierce, Carrie L., Smith, J. Richard, Capacio, Benedict R., Woofitt, Adrian R., Solano, Maria I., Wooten, Joe V., Lemire, Sharon W., Thomas, Jerry D., Ash, Doris H., Ashley, David L. Analysis of urinary metabolites of sulfur mustard in two individuals after accidental exposure. *Journal of Analytical Toxicology*, 32(1), 10-16, 2008.

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Braue, Ernest H. Jr., Graham, John S., Doxzon, Bryce F., Hanssen, Kelly A., Lumpkin, Horace L., Stevenson, Robert S., Deckert, Robin R., Dalal, Stephen J., Mitcheltree, Larry W. Non-invasive methods for determining lesion depth from vesicant exposure. *Journal of Burn Care and Research*, 28(2), 275-285, 2007.

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