REFERENCES

- Akassoglou, K, Malester, B, Xu, J, Tessarollo, L, Rosenbluth, J, Chao, M: Brainspecific deletion of neuropathy target esterase/swiss cheese results in neurodegeneration. *Proc Nat Acad Sci*, 101(14): 5075-5080, 2004.
- "Banned pesticides." 2007. [Online]. Available

http://thailand.ipm-info.org/pesticides_banned.html (7 December 2005).

- Bull, DL, Lindquist, DA: Metabolism of 3-hydroxy-N-methyl-cis-crotonamide dimethylphosphate (AZODRIN) by insects and rats. J Agric Food Chem, 14(2): 105-109, 1966.
- Carboni, D, Ehrich, M, Dyer, K, Jortner, BS: Comparative evolusion of mipafoxinduced delayed neuropathy in rats and hens. *Neurotoxicology*, 13(4): 723-734, 1992.
- "Cholinesterase Monitoring- A guide for the health professional." 2006. [Online]. Available

http://www.entmclasses.umd.edu/peap/leaflets/pil30.pdf (10 June 2006).

Dési, I, Nagymajtenyi, L: Electrophysiological biomarkers of an organophosphorus pesticide, dichlorvos. *Toxicol Lett*, 107: 55-64, 1999.

"Dicrotophos; Health-based reassessment of administrative occupational exposure limits." 2003. [Online]. Available

http://www.ucr.edu/wcb/school/CNAS/entm/tmiller/1/modules/page25.html (24 July 2006).

- Dyer, KR, Jortner, BS, Shell, LG, Ehrich, M: Comparative dose-response studies of organophosphate -induced delayed neuropathy in rats and hens administered mipafox. *Neurotoxicology*, 13(4): 745-756, 1992.
- Ernest, K, Thomas, M, Paulose, M, Rupa, V, Gnanamuthu, C: Delayed effects of exposure to organophosphorus compounds. *Indian J Med Res*, 101: 81-84, 1995.

"Extoxnet pip-dicrotophos." 2006. [Online]. Available

http://extoxnet.orst.edu/pips/ dicrotop.htm (5 March 2006).

Farnbach GC. 2007. "Peripheral nerve testing and electromyography." [Online]. Available

http://cal.vet.upenn.edu/Saortho/appendix_d/appd.html (19 January 2006).

- Gearhart, JM, Jepson, GW, Clewell, HJ, Andersen, ME, Conolly, RB: Physiologically based Pharmacokinetic model for the inhibition of acetylcholinesterase by organophosphate esters. *Environ Health Perspect*, 102: 51-60, 1994.
- Giuliodori, MJ, DiCarlo, SE: Myelinated vs. unmyelinated nerve conduction: A novel way of understanding the mechanisms. *Advan Physiol Educ*, 28: 80-81, 2004.

Glynn, P: Neuropathy target esterase. *Biochem J*, 344: 625-631, 1999.

Glynn, P: A mechanism for organophosphate-induced delayed neuropathy. *Toxicol Lett*, 162: 94-97, 2006.

Jamal, GA, Hansen, S, Pilkington, A, Buchanan, D, Gillham, RA, Abdel-Azis, M, Julu, POO, Al-Rawas, SF, Hurley, F, Ballantyne, JP: A clinical neurological, neurophysiological, and neuropsychological study of sheep farmers and dippers exposed to organophosphate pesticides. *Occup Environ Med*, 59: 434-441, 2002.

- Jamieson, SMF, Liu, J, Connor, B, McKeage, MJ: Oxaliplatin causes selective atrophy of a subpopulation of dorsal root ganglion neurons without inducing cell loss. *Cancer Chemother Pharmacol*, 56: 391-399, 2005.
- Johnson, MK: The target for initiation of delayed neurotoxicity by organophosphorus esters: Biochemical studies and toxicological applications. *Rev Biochem Tox*, 4: 141-212, 1982.
- Jortner, BS, Hancock, SK, Hinckley, J, Flory, L, Colby, L, Tobias, L, Williams, L, Ehrich, M: Neuropathological studies of rats following multiple exposure to Tri-Ortho-Tolyl Phosphate, chlorpyrifos and stress. *Toxicol Pathol*, 33: 378-385, 2005.
- Katesomboon, P. "Illness of Thai people from pesticides", Conference papers on health system reform for national health assembly, The National Health Commission Office, Thailand, 2003.
- Kim, J-R, Kim, H-J, Kwon, O-S: Acetylcholinesterase and neuropathy target esterase activity in female and male rats exposed to pesticide terbufos. *Environl Toxicol Pharmacol*, 20: 149-156, 2005.
- Kretzschmar, D, Hasan, G, Sharma, S, Heisenberg, M, Benzer, S: The swiss cheese mutant causes glial hyperwrapping and brain degeneration in *Drosophila*. *J Neurosci*, 17(19): 7425-7432, 1997.
- Li, Y, Dinsdale, D, Glynn, P: Protein domains, catalytic activity and subcellular distribution of neuropathy target esterase in mammalian cells. *J Biol Chem*, 278: 8820-8825, 2003.

- Menzer, RE, Casida, JE: Nature of toxic metabolites formed in mammals, insects and plants from 3 (-dimethoxyphosphinyloxyl)-N, N-dimethyl-*cis*-crotonamide and its N-methyl analog. *J Agric Food Chem*, 13: 102-112, 1965.
- Office of Agricultural Regulation. The importation of pesticides in Thailand 2006. Department of Agriculture, Ministry of Agriculture and Cooperatives, Thailand. 2006.
- "Organophosphorus insecticides." 1998. [Online]. Available http://www.ucr.edu/wcb/school/CNAS/entm/tmiller/1/modules/page25.html (17 October 2006).
- Padilla, S, Veronesi, B: Relationship between neurological damage and neurotoxic esterase inhibition in rats acutely exposure to Tri-ortho-cresyl phosphate. *Toxicol Appl Pharmacol*, 78: 78-87, 1985.
- Papp, A, Pecze, L, Vezér, T: Comparison of the effect of subacute organophosphate exposure on the cortical and peripheral evoked activity in rats. *Pest Biochem Physiol*, 79: 94-100, 2004.
- Paul, J: Commercial pesticide applicators may get mandatory blood tests. Agrichem Age, March, 1987.
- Pongrawewongsa, P, Ruangyuttikarn, W: Normal serum cholinesterase level in Thai people. *Chiang Mai Med J*, 38(3): 80, 1999.

Reiner, E: Organophosphorus compounds and esterases: current research topics concerning the toxicity of and protection against organophosphates. *Arh Hig Rada Toksikol*, 52(3): 323-331, 2001.

- Roberts, TR, Hutson, DH: "Metabolic pathways of agrochemicals, part 2." in *Insecticides and fungicides*. The Royal Society of Chemistry, Cambridge, UK, pp. 268-273, 1999.
- The IPM DANIDA project. Pesticide-Health surveys: Data of 606 farmers in Thailand. Department of Agriculture, Ministry of Agriculture and Cooperatives, Thailand. 2004.
- Sprague, GL, Sandvik, LL, Bickford, AA, Castles, TR: Evaluation of a sensitive grading system for assessing acute and subchronic delayed neurotoxicity in hens. *Life Sci*, 27: 2523-2528, 1980.
- Stokes, L, Stark, A, Marshall, E, Narang, A: Neurotoxicity amongst pesticide applicators exposed to organophosphates. *Occup Environ Med*, 52: 648-653, 1995.
- Vasilescu, C, Alexianu, M, Dan, A: Delayed neuropathy after organophosphorus insecticide (Dipterex) poisoning: a clinical, electrophysiological and nerve biopsy study. *J Neurol Neurosurg Psychiatry*, 47(5): 543-548, 1984.
- Wessels, D, Barr, B, Mendola, P: Use of biomarkers to indicate exposure of children to organophosphate pesticides: implications for a longitudinal study of children's environmental health. *Environ Health Perspect*, 111: 1939-1946, 2003.
- Zaccheo, O, Dinsdale, D, Meacock, PA, Glynn, P: Neuropathy target esterase and its yeast homologue degrade phosphatidylcholine to glycerophosphocholine in living cells. *J Biol Chem*, 279: 24024-24033, 2004.