













































**Van den Dries, M.A., Pronk, A., Guxens, M., Spaan, S., Voortman, T., Jaddoe, V.W., Jusko, T.A., Longnecker, M.P., Tiemeier, H. (2018)** Determinants of organophosphate pesticide exposure in pregnant women: A population-based cohort study in the Netherlands. *Int. J. Hyg. Environ. Health.* 221 (3), 489-501.

**Vasuki, S., Karthi, S., Shivakumar, M.S. (2016)** Effect of Cypermethrin Induced Antioxidant Enzymes Systems in Response to Melatonin Administration in *Drosophila Melanogaster*. *Free Radicals and Antioxidants.* 6 (2), 167-181.

**Wongmancepratip, W., Yang, H. (2020)** Investigating the migration of pyrethroid residues between mung bean sprouts and growth media. *Food Chemistry.* 343, 128480.

**Worek, F., Thiermann, H., Szinicz, L., Eyer, P. (2004)** Kinetic analysis of interactions between human acetylcholinesterase, structurally different organophosphorus compounds and oximes. *Biochem. Pharmacol.* 68 (11), 2237-2248.

**Worek, F., Thiermann, H., Wille, T. (2020)** Organophosphorus compounds and oximes: a critical review. *Archives of Toxicology.* 94, 2275-2292.

**Zhai, R., Chen, G., Liu, G., Huang, X., Xu, X.M., Li, L., Zhang, Y., Wang, J., Jin, M., Xu, D., Abd El-Aty, A.M. (2021)** Enzyme inhibition methods based on Au nanomaterials for rapid detection of organophosphorus pesticides in agricultural and environmental samples: A review. *Journal of Advanced Research.* <https://doi.org/10.1016/j.jare.2021.08.008>.

**Submitted:** 12/01/2021

**Revised:** 31/01/2021

**Accepted:** 15/09/2021

**DOI:** 10.48129/kjs.11847