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Correction to: Effect of copper nanoparticles and organometallic compounds (dibutyltin) on tilapia fish

Saif Al Ghais, Vibha Bhardwaj*, Pramod Kumbhar and Omar Al Shehhi

Correction to: J Basic Appl Zool
https://doi.org/10.1186/s41936-019-0101-7

Following publication of the original article (Ghais et al., 2019), it was noticed that Figs. 2 and 3 were incomplete.

The correct versions are given below.

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Reference

Ghais, et al. (2019). Effect of copper nanoparticles and organometallic compounds (dibutyltin) on tilapia fish. *The Journal of Basic and Applied Zoology*, *80*, 32. https://doi.org/10.1186/s41936-019-0101-7.

* Correspondence: vibha.bhardwaj1612@yahoo.com
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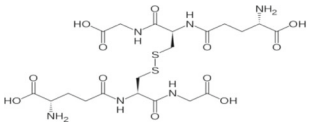
Environment Sustainability Department, Environment Protection and Development Authority (EPDA), Government of Ras Al Khaimah 11377, UAE

$^{-}OOC\text{-}CH(NH_3)\text{-}CH_2\text{-}CH_2\text{-}CO\text{-}NH\text{-}CH(CH_2\text{-}SH)\text{-}CO\text{-}NH\text{-}CH_2COO^{-} + RSSR \rightarrow$ (OXIDATION)



$+ {}^{-}SR$

Where R =

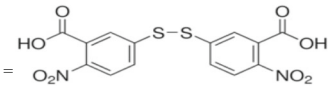


Fig. 2 GSH oxidation with DTNB produce Glutathione disulfide

$H_2O + (CH_3)_3\text{-}N^{+}\text{-}CH_2\text{-}CH_2S\text{-}COCH_3 \rightarrow (CH_3)_3\text{-}N\text{-}CH_2\text{-}CH_2S^{-} + CHCOO^{-} + 2H^{+}$

$(CH_3)_3\text{-}N\text{-}CH_2\text{-}CH_2S^{-} + RSSR \rightarrow (CH_3)_3\text{-}N\text{-}CH_2\text{-}CH_2SSR + RS^{-}$

Where R =

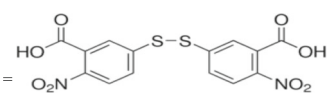


Fig. 3 Hydrolysis of thiocholine with DTNB to produce 5-thio-2-nitro benzene ion