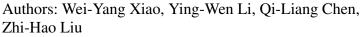
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ACCEPTED MANUSCRIPT

Tributyltin impaired reproductive success in female zebrafish through disrupting oogenesis, reproductive behaviors and serotonin synthesis

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Running title: Mechanisms involved in tributyltin disrupted oogenesis and disturbed reproductive behaviors in female zebrafish.

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In the highlights,

- -TBT impaired reproductive success in zebrafish female
- -TBT altered plasma level of E2 and disrupted oogenesis of the female
- -TBT disturbed reproductive behaviors of the female
- -TBT altered the expressions of genes in oogenesis, reproductive behavior and serotonin synthesis

Abstract

Tributyltin (TBT), an organotin acting as aromatase (Cyp19a1) inhibitor, has been found to disrupt gametogenesis and reproductive behaviors in several fish species.

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