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The effect of *Houttuynia cordata Thunb* on the Male Reproductive System

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TCDD(2,3,7,8-Tetrachlorodibenzo-p-dioxin) is one of the most toxic environment pollutants that produces a plethora of biochemical effects and metabolic changes including the reproductive toxicity, carcinogenesis teratogenesis, immune dysfunction, hyperkeratosis, thymic involution and hepatotoxicity.

In this study the male reproductive effects of *Houttuynia cordata Thunb* on the TCDD-treated rats were investigated through the measurements of sperm count in testicular epididymis, testis weights and testosterone levels in serum and testis with the TCDD treatment and thereafter *Houttuynia cordata Thunb* administration into rats.

The results of this study revealed that *Houttuynia cordata Thunb* could enhance the testicular reproductive system by increasing the movable sperm count in testis, the testis weight and the testosterone levels in serum and epididymis.

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