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Testis Reproductive Activities of *Saururus chinensis Baill* in TCDD-treated Rats

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Saururus chinensis Baill is a herbal plant growing in China, Japan and Korea. According to the records of the Chinese medicine, this plant has been used as folk medicine for analgesics, beriberi, edema, hepatitis, icterus, etc.

It was reported that dioxin is a cancer hazard to people; that exposure to dioxin can also cause severe reproductive and developmental problems; and that dioxin can cause immune system damage and interfere with regulatory hormones.

In this study the testis reproductive effects of *Saururus chinensis Baill*(SCB) was investigated. This reproductive effects of SCB on TCDD-treated rats were measured through sperm count, testis weight and testosterone level in serum and testis.

This results suggest that testis reproductive activities were increased when SCB was treated with 2,3,7,8-TCDD-damaged rats.

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