

Results: Significant changes were observed in ovary functional parameters, ovarian SOD activity and MDA levels in compared to control group.

Conclusion: This study showed that due to oxidative stress in ovary, the growth of follicles in the preantral stage, folliculogenesis and the number of corpora lutea were changed in PCOS. Therefore, in PCOS the chance of fertility may reduce.

Key words: Estradiol valerat, Polycystic ovarian syndrome, Oxidative stress.

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Inhibition effect of gamma-aminobutyric acid ergic system on oxidative stress in the dorsal hippocampus in an experimental model of polycystic ovary syndrome induced by morphine

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Background: Because of noticeable occurrence of endocrine disorders in women such as polycystic ovary syndrome, researchers have conducted extensive experimental studies to detail the mechanism of the

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The stereological evaluation of testis structure on protective effect of quercetin against lead acetate toxicity

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Background: Exposure to environmental pollutants tightly impacts on male fertility sometimes are irretrievable.

Objective: In the present study, we studied the toxic effects of lead acetate (Pb) on testicular structure, and the possible effect of quercetin on qualifying these effects.

Materials and Methods: Experimental groups,

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