

## عنوان مقاله:

Seminiferous Tubules Histological Alterations in Ox-ymetholone-Administered Male Rats

## محل انتشار:

بیستمین کنگره بین‌المللی بیولوژی تولید مثل و پانزدهمین کنگره بین‌المللی سلول های بنیادی (سال: 1398)

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## خلاصه مقاله:

Background: Oxymetholone, an anabolic steroid, is used ex-tensively among athletes and can affect male fertility. Materials and Methods: Twenty-one adult male rats were randomly divided into 3 groups; group 1 was served as a control and groups 2 and 3 received 5 and 10 mg/kg/PO of Oxymetholone daily, respectively. After 60 days, the testicles were harvested and the seminiferous tubules histology was examined. Results: The seminiferous tubules epithelium thickness in the Oxymetholone-administered groups showed a significant decline compared to the control group, whereas seminiferous tubules luminal diameter in the Oxymetholone-received rats exhibited a significant increase in comparison with control group. Conclusion: High doses of Oxymetholone may have negative impacts on male reproductive system.

## کلمات کلیدی:

Oxymetholone, Male Reproductive System, Semi-niferous Tubule, Rat, Histology

## لینک ثابت مقاله در پایگاه سیویلیکا:

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