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**Effect of metosartan on reproductive system and infertility**

**Abstract:**

Metosartan is an antihypertensive drug used to treat Hypertension in humans and it is confirmed to induce apoptosis in reproductive organs and can induce infertility. It results in low success rate of pregnancy by assisted reproductive technology in persons whose use this drug. In invtro condition the drug can induce cancers in reproductive organs and can effect the histology of the tissue but in invivo treatment with the drug proven to be having no effect on Histology but induce apoptosis in the reproductive organs and can induce sterility in the patients prescribed with the drug. Flow cytometry results and the gamete cell counting using neubar chamber using microscopy confirm the test results.

**Biography**

**Eswari beeram** has completed her PhD at the age of 28 years from Sri Venkateswara University and she is the Associate Professor of Department of Biological and Chemical sciences of Mohan Babu University. she has published more than 30 papers in reputed journals and 3 international books and received Republic of India in 2023. She has been serving as an editorial board member of more than 20 journals and she has peer reviewed about 65 papers of both national and International journals. She has published 3 Editorials from Acta scientifica of microbiology journal.