

First Name : Mahsa

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Birth date : 1983.11.10

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Education :

B.Sc : General Biology, Shahid Chamran university of ahvaz

M.Sc : Developmental Biology, Islamic azad university of the branch of Tehran north

### Research projects:

- 1- Comparison of the effect of different doses of fetal hyperandrogenemia on development of testis and sperm quality after puberty in male rats. ( completed, we are preparing the paper of this project now)
- 2- Comparison of the effect of different doses of fetal hyperandrogenemia on development of genital system and hormone parameters in the female rats after puberty. (completed, we are preparing the paper of this project now)
- 3- Induction of polycystic ovary syndrome in the female rats. (This project is doing now)

### Poster:

Effects of maternal hyperandrogenemia on the sexual development of female offspring rats :A morphological study

Accepted in physiology and pharmacology international congress(Iran-Hamedan 2011)

### Techniques :

- 1- Histology
- 2- Hormone assesement by ELISA method
- 3- Determination of sexual cycle in the female rats
- 4- Study of female rat ovary and determination of follicles
- 5- Study of sperm parameters in male rats
- 6- Intra Venous Glucose Tolerance Test (IVGTT)
- 7- Intra Peritoneal Glucose Tolerance Test (IPGTT)