

## Reproductive Immunology course plan for PhD students of Immunology, First semester 1403-1404

	Subject	Content	Lecturer	Time	Date
1	Physiology and anatomy of male and female reproductive system	Introduction to female and male reproductive system	Dr. Keshtgar	2	1403.07.08
2	Immunology of male and female reproductive system	-Immunology of ovary and testis -Mechanisms of tolerance failure and production of anti-sperm antibodies in males and females -Differences between mouse and human pregnancy	Dr. Gharesi-Fard	2	1403.07.15
3	Immunology of reproduction part 1	-Role of the semen in pregnancy -Role of hormones on implantation	Dr. Gharesi-Fard	2	1403.07.22
4	Immunology of reproduction part 2	& immune-tolerance of the fetus -Role of the immune system in placentation	Dr. Gharesi-Fard	2	1403.07.29
5	Immunology of reproduction part 3	-Immune system & reproduction	Dr. Gharesi-Fard	2	1403.08.06
6	Immunology of reproduction part 4	-Innate immune system & reproduction -Adaptive immune system and reproduction -Cytokine balance & reproduction -Role of the immune system in delivery	Dr. Gharesi-Fard	2	1403.08.13
7	Immunological disorders of pregnancy	Immunology of infertility, abortion & pre-eclampsia -Anti-phospholipid syndrome	Dr. Gharesi-Fard	2	1408.08.20
8	Immunology of sexually transmitted infections	Chlamydia, Mycoplasma, Neisseria, Syphilis, HPV & HIV	Dr. Kheshtchin	2	1408.08.27

**Coordinated by Dr. Gharesi-Fard**

**References: Selected papers**

**Time and date: Sunday, 8-10 A.M**

نحوه ارزیابی دانشجویان در این درس شامل امتحان به صورت شفاهی و کتبی، کوئیز، انجام تکلیف و ... می باشد.