

❖ Course Title	Isolation and Culture of Mouse Spermatogonial Stem Cell
❖ About this course	<p>This course has held one year ago in the international congress and based on participant' comments was succeeded.</p> <p>This course includes theoretical and practical session.</p> <p>In this course we try to explain the theoretical aspect of course including:</p> <ol style="list-style-type: none"> 1. Development of Primordial Germ cells 2. Development of Spermatogonial Stem Cells <p>In the practical session we aim to educate</p> <ol style="list-style-type: none"> 1. isolation of mouse spermatogonial stem cells (SSCs) from mouse testis. 2. culture of mouse SSCs 3. Passage of mouse SSCs
❖ Audience: Level (BSc. MSc., PhD, etc.)	BSc. MSc., PhD, MD
❖ Department ❖ Instructor	Stem Cells (Germ cells) Dr. Esfandiari, Faezeh Moraveji
❖ Modules/Resources	Moraveji et al., JCB, 2018
❖ Course Requirements	Mouse, culture medium, Enzymes for isolation
❖ Registration Costs	200 \$
❖ Duration:	1 day