

**Lecture Outline for “Experimental Approaches in Molecular and Cell Biology”**

Topic	Model organism: Mouse
Lecturer	Ching-Yen Tsai
Course Outline	<ul style="list-style-type: none"><li>- Mouse Biology</li><li>- Generation of transgenic mouse</li><li>- Mouse embryonic stem cells in gene targeted experiment</li><li>- Generation of chimeric mice</li><li>- International knockout mice projects</li><li>- Genome editing</li></ul>