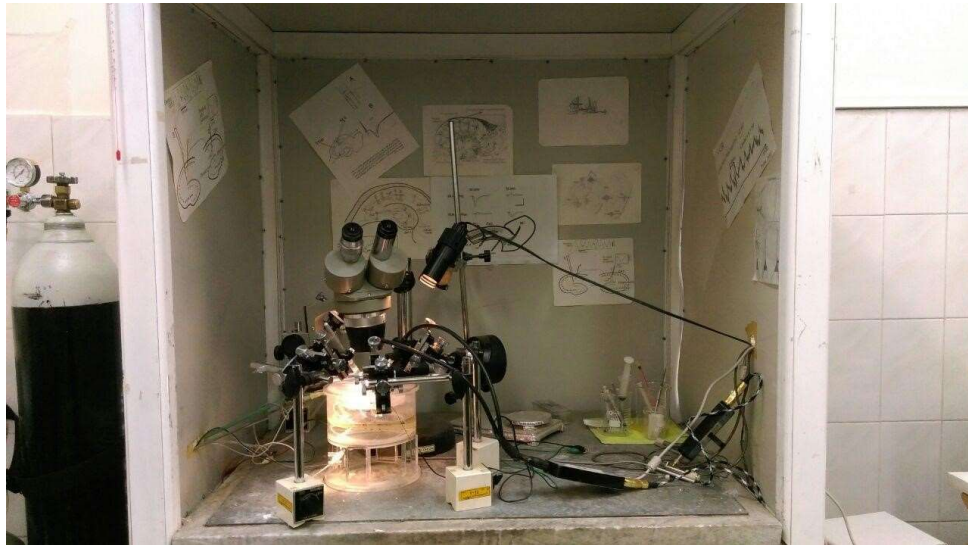


The Synaptic Plasticity Laboratory was established in 1994 with the help of professors and the Faculty officials. The aim of establishing the lab was to study the cellular and molecular mechanisms and neuroplasticity changes responsible for processing information in hippocampal neuronal circuits and their changes under pathological conditions as well as meeting the needs of professors, students and researchers. The Lab is currently located in an area of 15 square meters on the 2nd floor of the Building No 3.



#### ◀ Equipment and Facilities Available at the Laboratory

- The in vitro field potential record, Plantar Test (Hargreaves Apparatus), Equipment required for carrying out Barnes maze, open field, Y maze, Z maze

#### ◀ The list of specialized services provided by the laboratory

- Assessing the amount of analgesia through the tail retention test, measuring spatial memory, measuring short-term and operational memory