



Real Time Workshop

Gene expression and regulation is one of the most important ways of controlling differentiation or cells response to the environmental changes. Real time PCR is a very simple and fast but efficient tool. In the Real time PCR workshop, participants would be introduced to the basics, applications, implementation, analysis and troubleshooting of this technology, and will gain mastery and skills in the operation of this technique in their research and scientific direction.

In this workshop you will learn:

- RNA extraction by trizol
- cDNA synthesis and quantification
- Real time PCR
- Result analysis

This workshop is suitable for graduates and students of all academic levels in biology, paramedical, and medical fields. It is necessary for the participants to have previous knowledge about DNA and RNA.