

CELL CULTURE

Cell culture has enabled numerous discoveries in molecular and cellular biology. It has revealed, for example, basic information about cells regarding their composition and form; biochemical, metabolism, signalling pathways in various in vitro toxicity models.

In the workshop, the participants were made to practice the preparation of cell culture media and maintaining mammalian cells in culture (aseptic technique, thawing, counting, expanding, and freezing). Students also learnt cell viability/cytotoxicity assay after different neurotoxicants exposure. Further cell lysate preparation for western blot analysis is also demonstrated during the hands on.

