



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Experimental methods for the study of the membrane excitability

2324-76R-EXTREME

Title

Experimental Methods for the study of the membrane excitability

Teacher(s)

Prof.ssa Ilaria Rivolta

Language

italian/english

Short description

Electrophysiology is the measurement of the electrical activity, or "excitability," of cells (be they muscle cells, neurons, or stem cells). This can be done at the single cell level or it can include simultaneous measurements from hundreds or thousands of cells. This course focuses on single cell or 2D layer electrophysiology and introduces the fundamentals of electrophysiological investigation by describing the different electrophysiological techniques used to explore and understand excitable tissues and organs.

CFU / Hours

1 CFU/8 hours

Teaching period

Second semester

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
