

# NEUROSCIENCE (HERSHEY)

---

## Learning Outcomes

1. Describe the structural-functional organization of the nervous system at the cellular and systems levels
2. Describe the basic principles of neurotransmission
3. Explain the techniques used to analyze the structure and function of the nervous system
4. Develop testable hypotheses aimed at elucidating the structure or function of the nervous system
5. Develop an experimental plan that tests a specific set of hypotheses about nervous system structure or function following accepted professional standards for ensuring reproducibility
6. Conduct neuroscience research in which data are collected using ethical and professional standards
7. Present the results of a research project in a lucid and logical manner in both oral and written formats