



NEUROTRACT
INTERNATIONAL
ASSOCIATION

Hereby, we certify the successful participation of

NEGIN ZIRAK

in the first phase of NeuroTRACT's Comprehensive Neuroscience Diploma, on "Basic Neuroscience", held from April 8th to July 8th, 2022, for 28 educational hours (14 sessions) with the following topics:

- 1 . An overview of Neuroscience
- 2 . Basic Neuroanatomy
- 3 . Neuronal Signaling and Synaptic Transmission
- 4 . General principles of sensory system
- 5 . Visual System
- 6 . Audition, vestibular sensation
- 7 . chemical sense
- 8 . Movement and motor control
- 9 . Lower and Upper motor neurons
- 10 . Modulation of Movement and motor control
- 11 . Motor Learning
- 12 . Neuroembryology
- 13 . Neuroplasticity
- 14 . Associational Cortex

Based on the official basic neuroscience curriculum of
Duke University, School of Medicine.

Dr. Mahsa Mayeli
MD-MPH
CEO of NeuroTRACT

**Comprehensive
Neuroscience
D i p l o m a**

