

List of the primary subjects of the complex examination

Molecular and cellular neurobiology

Developmental biology and plasticity of the nervous system.

Degeneration and regeneration in the nervous system. Neurodegenerative diseases

The structural organization of the sensory systems, and their functions in health and disease

The structural organization of the motor systems, and their functions in health and disease

The structural organization of the autonomic and neuroendocrine regulatory systems, and their functions in health and disease

The neurobiological foundations and pathophysiology of cognition, learning and memory

The neurobiology of behavior, emotion and motivation. Mood disorders.

The neurobiological foundations and pathophysiology of epilepsy

The cerebrovascular system and its diseases

Neuro-oncology

The neurobiological background of addictive diseases