

Neuropsychiatry

Course contents:

- Scientific basis of neurology with regard to neuropsychiatric diseases
- Possibilities of neurological diagnostics, classification, specific diagnostic and other examination methods
- Demonstration techniques and their application in neuropsychological research
- Methodologies of molecular biology and genetics and their application in neuropsychiatry
- Sleep disorders
- Mood disorders
- Development and evaluation of new neuropsychopharmaceuticals: ethical and legal aspects of neuropsychiatric research, issues of clinical trials

Learning outcomes:

Course objective:

Integration of the scientific basis of neurology and specific clinical skills. Management of specific neurological and psychiatric diseases and syndromes, their interpretation and implementation in terms of the latest knowledge of neuropsychiatry, genetics and neuropsychopharmacology in scientific and professional practice.

Recommended literature:

1. Cummings J.L., Mega M.S.: Neuropsychiatry and Behavioral Neuroscience, OXFORD Univ. Press 2003
2. Tasman,A., Kay,J.,Lieberman,J.A.: Psychiatry I ,II, Second Edition, WILEY, ISBN 0-471.521779, Chichester England, 2003
3. Davis.K.L., Charney,D., Coyle,J.T., Nemeroff,Ch.: Neuropsychopharmacology: The Fifth Generation of Progress, Lippincott Williams&Wilkins, ISBN 0-7817-2837-1, Philadelphia USA, 2002

Course language:

slovak language
english language

Conditions for course completion:

oral exam