

***Diploma topics
of the Department of Psychiatry and Psychotherapy
for the academic year of 2023/2024***

1. Psychiatric genetics
2. Pharmacotherapy of Schizophrenia
3. Pharmacotherapy of Attention-Deficit/Hyperactivity Disorder
4. Induced pluripotent stem cell based in vitro disease modeling in psychiatric disorders

Tutor: Prof. János Réthelyi

1. Clinical psychopharmacology

Tutor: Prof. István Bitter

1. The use of Virtual Reality in Psychiatry and Psychotherapy
2. The recognition and expression of emotions in non-verbal manifestations of psychiatry illnesses
3. Art therapy

Tutor: Dr. Lajos Simon

1. Treatment and biosocial models of personality disorders
2. Early maladaptive schema's role in affect-regulation, interpersonal behaviour, and mental disorders
3. Management and possible treatments of tic disorder in tourette's syndrome
4. Investigating executive functions in social context in affective, anxiety, trauma related and personality disorders

Tutor: Dr. Zsolt Unoka

1. Prevention of dementia

Tutor: Dr. Zoltán Hidasi

1. Identification of biomarkers for psychiatric illnesses using electrophysiological methods
2. Electrophysiological investigation of motion in particular biological motion processing in psychiatric diseases

Tutor: Dr. Pál Czobor/ Dr. Brigitta Kakuszi

1. Stigma surrounding electroconvulsive therapy
2. Current concepts of the mechanism of actions of electroconvulsive therapy
3. Cognitive side effects of electroconvulsive therapy
4. Cataton symptoms in affective disorders

Tutor: Dr. Gábor Gazdag

1. Forensic Psychiatry: An overview of the Hungarian practice

Tutor: Dr. Szabó Ferenc Ádám

1. Cognitive functions in autism spectrum disorder
2. Attachment, mentalization and social dysfunction in autism spectrum disorder

3. Gender differences in autism spectrum disorder
4. Transdiagnostic assessment of perceptual disturbances in psychosis and autism spectrum disorder

Tutor: Dr. Farkas Kinga

1. Novel biological therapies for depression
2. Combination of psycho- and pharmacotherapies in the treatment of psychiatric disorders
3. Combination of Psycho- and pharmacotherapies in the treatment of PTSD
4. The role of gene-environment interactions in the development and treatment of mood disorders
5. Novel avenues in the treatment of psychoses
6. The role of Psychedelics and Psychoplastogens in the treatment of mental disorders
1. Metaanalysis of studies focusing on use of ayahuasca and psychosocial therapies in mood disorder
2. Psychoplastogen-assisted psychotherapies
3. Use of ayahuasca in PTSD
4. Effects and underlying mechanisms of LSD and its use in treatment of psychiatric disorders
5. Psilocybine in treatment resistant depression
6. Use of esketamine for the treatment of depression in specific populations: adolescents, elderly, postpartum depression and risk of suicide
7. Combination of psilocybine and psychotherapy in chronic mood disorder
8. Gene-environment interaction in the development of depression
9. Long-term effects of early trauma in children facing political, social and economic crisis

Tutor. Dr. Xénia Gonda