

ADMISSION TO DOCTORAL STUDIES

Session September 2024

Field of doctoral studies: **MEDICINE**

Doctoral supervisor: **PROF. DR. PETRU IFTENI**

TOPICS FOR THE ADMISSION TO DOCTORAL STUDIES

TOPIC 1

Physical, psychological and laboratory manifestations associated with psychopharmacological treatment

Contents / Main aspects to be considered

- Assessment of physical and mental health parameters in people receiving psychopharmacological treatment involving clinical monitoring of somatic conditions and psychiatric symptoms using standardized scales.
- For the individual research topic chosen, a research plan will be developed establishing the hypotheses, methodology and inclusion/exclusion criteria, as well as the data collection procedure, tests for statistical analysis of the data dependent on the type of variables analyzed.
- The scientific research plan will include participation in competitions for scholarships and grants, publication of the results in ISI-listed international journals and presentation at conferences to increase personal and institutional visibility.

Recommended bibliography:

1. Kaplan, H. I., & Sadock, B. J. (2015). Kaplan & Sadock's Synopsis of Psychiatry: Behavioral Sciences/Clinical Psychiatry (11th ed.). Philadelphia, PA: Wolters Kluwer.
2. Stahl, S. M. (2017). Stahl's Essential Psychopharmacology: Neuroscientific Basis and Practical Applications (4th ed.). Cambridge, UK: Cambridge University Press.
3. Barnes TR, Drake R, Paton C, et al. Evidence-based guidelines for the pharmacological treatment of schizophrenia: Updated recommendations from the British Association for Psychopharmacology. *Journal of Psychopharmacology*. 2020;34(1):3-78. doi:10.1177/0269881119889296
4. Totura, C. M. W., Fields, S. A., & Karver, M. S. (2018). The Role of the Therapeutic Relationship in Psychopharmacological Treatment Outcomes: A Meta-analytic Review. *Psychiatric Services*, 69(1), 41–47. <https://doi.org/10.1176/appi.ps.201700114>
5. Levine, J., & Kumar, S. (2019). *Clinical Handbook of Psychotropic Drugs* (22nd ed.). Cambridge, MA: Hogrefe Publishing.

TOPIC 2

Complementary therapies in psychiatric disorders

Contents / Main aspects to be considered

- The topic of the research involves a detailed investigation of the various complementary therapies used in the treatment of psychiatric conditions, evaluating both their efficacy and safety in the context of contemporary clinical practice.
- The research plan for the chosen individual research topic will explore the efficacy and safety of various complementary therapies in the management of psychiatric symptoms, including methodological evaluation and analysis of data collected using standardized instruments.
- Tests for statistical analysis of data will involve the use of appropriate methodologies, such as analysis of variance (ANOVA) or regression analysis, to investigate correlations between the use of complementary therapies and the course of psychiatric symptomatology in a rigorous empirical framework.
- The scientific research plan will aim not only to publish the results in peer-reviewed journals, but also to present them at national and international conferences in order to promote the understanding of

Recommended bibliography:

1. Freeman, M. P., Fava, M., Lake, J., Trivedi, M. H., Wisner, K. L., & Mischoulon, D. (2010). Complementary and alternative medicine in major depressive disorder: The American Psychiatric Association Task Force report. *The Journal of Clinical Psychiatry*, 71(6), 669–681.
2. Hofmann, S. G., & Smits, J. A. (2008). Cognitive-behavioral therapy for adult anxiety disorders: A meta-analysis of randomized placebo-controlled trials. *The Journal of Clinical Psychiatry*, 69(4), 621–632.
3. Sarris, J., & Wardle, J. (2010). *Clinical Naturopathy: An Evidence-Based Guide to Practice*. Elsevier Australia.
4. Asher, G. N., Gerkin, J., & Gaynes, B. N. (2017). Complementary Therapies for Mental Health Disorders. *The Medical clinics of North America*, 101(5), 847–864. <https://doi.org/10.1016/j.mcna.2017.04.004>
5. Gelenberg A. J. (2010). Complementary and alternative medicine in psychiatry. *The Journal of clinical psychiatry*, 71(6), 667–668. <https://doi.org/10.4088/JCP.10f06161blu>

Prerequisites / Remarks:

- Research activity prior to applying for the competition, as evidenced by authorship of articles published in journals with ISI or BDI impact factor and/or papers presented at National and International Conferences, is an advantage in the selection and ranking of candidates.

Doctoral supervisor,

Prof. Dr. Petru IFTENI

Signature

Coordinator of the field of doctoral studies,

Prof. Dr. Petru IFTENI

Signature