

Tentative Outline

Special Thematic Issue for the journal *CNS & Neurological Disorders – Drug Targets*

Title of the Thematic Issue:

Endophenotypes and pathway phenotypes in neuro-psychiatry: Cross-disciplinary implications for diagnosis.

Guest Editors: Drozdstoy St. Stoyanov

• Scope of the Thematic Issue:

This thematic issue will cover novel advances in pathway phenotypes and endophenotypes behind neurological and psychiatric conditions. Those are investigated by means of computational neuroscience models, integrating biomarkers of diagnosis, prognosis, and prediction and monitoring of the drug response. The papers will address a wide range of molecular – genetic and immune-inflammatory pathways, methods of in-vivo neuroimaging to be combined and integrated in order to identify potential drug targets, enhance validity of the assessment procedures and motivate new treatment strategies.

Keywords: 6 to 8 keywords should be provided.

Endophenotype, Molecular Biology, functional magnetic-resonance imaging, connectivity, biological signatures of disease

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- Neurodegenerative disorders
- First episode of psychosis
- Deficit Schizophrenia
- Neuropsychopharmacology

Tentative titles of the articles and list of contributors:

Tentative titles of the articles and list of contributors with their names, designations, addresses and email addresses should be provided.

1. Biological signatures of brain diseases: from symptoms to biomarkers,
Ferath Kherif, University of Lausanne, CHUV, Ferath.Kherif@chuv.ch, H index=34
2. The contributions of complex neuroscience to definition of psychiatric diagnosis: conceptual reappraisal
Diogo Telles-Correia, University of Lisbon, tellesdiogo@gmail.com, H-index=12
3. Structural Connectivity in Motivation Circuits in Deficit Schizophrenia: A Diffusion Tensor Imaging Study
Silvana Galderisi, University of Campania "Luigi Vanvitelli", silvana.galderisi@gmail.com, H-index=41
4. New pharmacological targets for the treatment of first episode of psychosis
Domenico De Berardis, domenico.deberardis@aslteramo.it, H-index =35
5. Benzodiazepines and Sleep Architecture: a Systematic Review
Antonio Ventriglio, Università degli studi di Foggia, a.ventriglio@libero.it, H-index=15
6. Objectively measurable locomotor ataxia as a schizotaxic endophenotype in schizophrenic patients and their first-degree relatives.
Pascual Ángel Gargiulo, Laboratory of Neurosciences and Experimental Psychology, Area of Pharmacology Department of Pathology, CONICET, Faculty of Medical Sciences, National University of Cuyo, [gargiulo @ lab.cricyt.edu.ar](mailto:gargiulo@lab.cricyt.edu.ar) , H-index=15

7. A causal-pathway phenotype of chronic fatigue syndrome,
Michael Maes, Chulalongkorn University, dr.michaelmaes@hotmail.com, H-index=105
8. A guideline towards neuroscience-informed clinical psychiatry: levels of integration,
Drozdstoy Stoyanov, Medical University-Plovdiv, drozdstoy.stoyanov@mu-plovdiv, H-index=17

Schedule:

✧ Thematic issue submission deadline:

Submission of Authors to the Editor: March 01st 2021

Submission to the Journal by the Editor: May 2021

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