Special Issue

Advancements in Cognitive Neurosciences for Personalized Medicine

Message from the Guest Editor

Cognitive neuroscience is an area of research that studies cognitive processes from the chemical and physical activity of neurons in the brain. Several approaches contribute to the field, including the study of the consequences of lesions on cognitive functions in humans and animals; the study of neuronal activity during cognitive processes; the study of human functional brain activity, including the use of computational models or instrumental investigations (including EEG, fMRI, and PET), which all allow us to hypothesize about underlying mechanisms. The impact of an early recognition of some underlying conditions can be crucial for the therapeutic approach; in particular, the timely start of a personalized therapy can positively revolutionize the prognosis of some patients. This Special Issue aims to provide an updated overview of this topic and the related conditions, including these areas: neuropsychology; brain imaging; molecular biology; genetics; and neurocomputation. We invite authors to submit original articles; review articles; and clinical, epidemiologic, and public health data concerning the abovementioned research areas.

Guest Editor

Dr. Antonio Gennaro Nicotera

Unit of Child Neurology and Psychiatry, University of Messina, 98125 Messina, Italy

Deadline for manuscript submissions

closed (30 May 2025)

Journal of Personalized Medicine

an Open Access Journal by MDPI

CiteScore 6.0
Indexed in PubMed

MDPI

About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (*JPM*; ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker
Department of Laboratory Medicine and Pathobiology, Department of Surgery, University of Toronto, 6 Queens Pk Crescent W,F, Toronto, ON M5S 3H2, Canada

Author Benefits

High Visibility:
indexed within Scopus, PubMed, PMC, Embase, and other databases.

Journal Rank:
CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).