



Precision Medicine in Neurodevelopmental Disorders: Personalized Characterization of Autism from Molecules to Behavior

Guest Editor:

Prof. Dr. Elizabeth B. Torres

Department of Psychology,
Rutgers State University New
Brunswick, New Brunswick, NJ
08903, USA

Deadline for manuscript
submissions:

closed (25 January 2022)

Message from the Guest Editor

The precision medicine (PM) platform has emerged as a powerful model for the development of personalized targeted treatments in cancer research. It may be advantageous to adapt this model to psychiatric and psychological disorders that are now defined within the realm of mental illness, without reference to their underlying neurology. Among such disorders are autism, currently defined through observation and description of behaviors, with an emphasis on social inappropriateness. In this Special Issue, we redefine the layer of behaviors of the PM model by leveraging the wearable sensors revolution and considering the neurological underpinnings of currently defined autistic behaviors. By redefining autism as a problem of nervous system development, and pairing new objective criteria with physical data from biosensors we will be able to stratify autism into different subtypes according to the structure and function of the nervous systems, thus leveraging the phylogenetic order of maturation that neurobiology already defines from molecules to complex social interactions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. David Alan Rizzieri

1. Novant Health Cancer
Institute, Winston-Salem, NC
27103, USA
2. Division of Hematologic
Malignancies and Cellular
Therapy, Duke University,
Durham, NC 27710, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Journal of Personalized Medicine
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jpm
jpm@mdpi.com
[X@JPM_MDPI](https://twitter.com/JPM_MDPI)