

Special Issue

Genetic Research of Neurodegenerative and Psychiatric Disorders

Message from the Guest Editors

In recent decades, numerous researchers have struggled to identify the etiopathogenesis of both psychiatric and neurodegenerative pathologies. In the past century, the first associations between genetic variations and these disorders caused a rush to find key genes whose alterations are causative of mental pathologies. We began to use novel approaches in order to identify the possible causative biological mechanisms: from the traditional neurocentric approach, to the inclusion of non-neuronal cell subtypes; from the focus on neurotransmission processes to the inclusion of several other processes, including immune/inflammation, oxidative stress; from the single-gene approach to pathway analysis.

In this Special Issue, we will present the state of the art on the genetics and genomic components of neurodegenerative and psychiatric disorders, assembling the most recent advances and original designs in one place, to provide a picture reflecting the biological/genetical background associated with disease pathogenesis and its role/significance in treatment.

Guest Editors

Prof. Dr. Concetta Crisafulli

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, 98122 Messina, Italy

Dr. Marco Calabrò

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, Messina, 98125, Italy

Deadline for manuscript submissions

closed (25 May 2021)

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/57092

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))