



genes



an Open Access Journal by MDPI

eGenetics

Guest Editors:

Dr. Devin Leake

Catalog, Boston, MA, USA

Dr. Jiahao Huang

Nuclera Nucleics Ltd, Cambridge
CB4 0GD, UK

Deadline for manuscript
submissions:

closed (1 September 2019)

Message from the Guest Editors

We are at the beginning of a revolution that will fundamentally alter the way we live, work, and interact with one another. At the heart of this revolution is a molecule, DNA, of which the structure was first described 65 years ago and is currently transforming our world at an exponential rate. Lately, nucleic acid-based innovations have expanded beyond traditional biological fields like tool stacks for biological manufacturing or genome editing strategies for therapeutics and diagnostics. We are now seeing innovations in the computational environment to develop new approaches for data storage, computing, and recently blockchain. A whole new field is growing from the interaction between genetics and computer science with exciting possibilities, which can change the shape of our society in the forthcoming decades.

In this issue, we invite pioneers in these fields to discuss their research and the opportunities that DNA and computation can provide for our future. Additionally, we also encourage participation from leaders in these fields who recognize the transformative nature of this technology but are concerned about the safety, security, and impact to our global community.



mdpi.com/si/18329

Special Issue



genes



an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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?

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)*)

Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](#)