



genes



an Open Access Journal by MDPI

Horizontal Gene Transfer

Guest Editors:

Prof. Dr. John Jones

1. The James Hutton Institute, UK
2. University of St Andrews, St Andrews, UK

Dr. Etienne G.J. Danchin

Institut Sophia Agrobiotech INRA,
UNS, CNRS, France

Deadline for manuscript
submissions:

closed (31 August 2017)

Message from the Guest Editors

Dear Colleagues,

The increasing accessibility of high-throughput sequencing means that a far wider range of genomes are being sequenced. Although horizontal gene transfer in prokaryotes is common, one of the surprising findings that has emerged from these sequencing projects is the presence in many eukaryotic genomes of genes acquired by horizontal gene transfer. In some parasitic species, horizontal gene transfer appears to have played a key role in the evolution of the ability to infect hosts. This issue will focus on the functional roles of genes acquired via horizontal gene transfer in the biology of the organisms in which they become established.

Prof. Dr. John Jones

Dr. Etienne Danchin

Guest Editors



mdpi.com/si/7767

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](https://twitter.com/Genes_MDPI)