



*genes*



an Open Access Journal by MDPI

## Polar Genomics

Guest Editors:

**Prof. Dr. Joe Hoffman**

Department of Animal Behaviour,  
Bielefeld University, 33501  
Bielefeld, Germany

**Prof. Dr. Melody Clark**

British Antarctic Survey, High  
Cross, Madingley Road,  
Cambridge CB3 0ET, UK

**Dr. Svenja Heesch**

Applied Ecology and Phycology,  
Institute for Biological Sciences,  
University of Rostock, 18059  
Rostock, Germany

Deadline for manuscript  
submissions:

**closed (23 December 2022)**

### Message from the Guest Editors

Rapid advances in genomics are creating unprecedented opportunities to advance our understanding of the biology of polar organisms. From reduced representation sequencing through transcriptomics, metagenomics, and proteomics to whole-genome and methylome sequencing, advanced molecular tools are providing increasingly detailed insights into patterns of biological diversity, adaptation to extreme environments, and responses to environmental change. This Special Issue of *Genes* is associated with a topic workshop on Polar Genomics organized by the Deutsche Forschungsgemeinschaft (DFG, German Science Foundation) Priority Programme 1158, “Antarctic Research with Comparative Investigations in Arctic Ice Areas”, which is planned for May 2022. We invite articles that use genome-scale datasets to address relevant topics including but not restricted to the ones listed below.



[mdpi.com/si/94620](https://mdpi.com/si/94620)

# 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](http://www.mdpi.com)

[mdpi.com/journal/genes](http://mdpi.com/journal/genes)  
[genes@mdpi.com](mailto:genes@mdpi.com)  
[X@Genes\\_MDPI](#)