



genes



an Open Access Journal by MDPI

Genetics of Plant Senescence

Guest Editor:

Dr. Götz Hensel

Leibniz Institute of Plant Genetics
and Crop Plant Research,
Gatersleben, Germany

Deadline for manuscript
submissions:

closed (21 December 2018)

Message from the Guest Editor

Dear Colleagues,

Senescence is the final developmental process leading to remobilization of nutrients for the growth of new or reproductive organs. The process is highly dynamic and initiation requires external and internal signals. The new – omics era extended the tool box to uncover the underlying molecular mechanisms and allowed huge progress within the last years. Beside hormonal regulation several components of the retrograde signaling pathway have been discovered. Since senescence contributed largely to yield, aspects using biotechnological approaches to manipulate the process in a positive way should be addressed. This special issue is aiming in a collection of reviews and original research articles to gain more insights in the genetic networks underlying this process. Applications from model and crop plants are very welcome.

Dr. Götz Hensel

Guest Editor



mdpi.com/si/16453

Special Issue



genes



an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Selvarangan
Ponnazhagan**

Experimental Cancer
Therapeutics, The University of
Alabama at Birmingham, 1825
University Blvd., SHEL 814,
Birmingham, AL 35294-2182, USA

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?

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)