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Genetics of Plant Senescence

Guest Editor:

Dr. Götz Hensel

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

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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



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Special Issue



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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.

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Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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