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Genetics of Plant Senescence

Guest Editor:

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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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Message from the Editor-in-Chief

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