

Special Issue

Genetic Approaches to Improve the Flavors and Appearance of Fruits, Vegetables and Herbs

Message from the Guest Editors

Background: The flavor of agricultural products is the sensorial experience once we eat or drink, which is attributed to the presence of a mixture of chemicals perceived by our taste and olfactory receptors. The composition of this mixture of chemicals is the result of the genetic and genomic make-up of the given plant that brings about the final product we consume.

Aim and scope: To make the research on the genetic basis of flavor production in plants more accessible and communicative; to bring state-of-the-art works dealing with the flavor of agricultural products under the same roof; to create a thoughtful discussion about the opportunities and future of the field.

Cutting-edge research: Available gene pool, present in heirloom accessions and wild relatives of the commonly used cultivars products; transgenic methodologies; recent efforts study the potential of harnessing the genome editing system, CRISPR/Cas9

Papers we are soliciting: Papers describe the involvement of genes or genetic components in the production of flavor in herbs, fruits and vegetables; papers describes methods to evaluate the flavor of agricultural products.

Guest Editors

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Deadline for manuscript submissions

closed (1 November 2021)

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About the Journal

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?

Editor-in-Chief

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