Letter from Editor

Contemporary pathways in horticultural science: from plasma to digital transformation

Volume 9 Issue 4 - 2025

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Received: December 29, 2025 | **Published:** December 31, 2025

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Horticultural science is related to plant science, but developed its own pathways and scientific basis. This special issue highlights selected, contemporary themes of this evolution.

They include: Cold plasma treatment of berries: This technique allows to manipulate essential physiological and biochemical processes in plants, resulting in a wide variety of applications ranging from seed germination and disinfection, over he modulation of macromolecule levels, to the management of abiotic stress. This special issue provides the example of the treatment of raspberries.

Climate change has a wide scope of effects, also on bacteria and their symbiosis with plants and fruits. From this point of view, the contribution on bacterial diversity on citrus peals provides an example at the micro-ecosystem level.

The traditional wine sector is subject to digital adoption and transformation in its wide range of content and managerial aspects. This will result in major changes for the different stakeholders of this industry, in particular during the years to come.

Taken together, these studies provide interesting, contemporary and most relevant examples of the state of the art of scientific research in these most interdisciplinary aspects of horticultural science. In this way this special issue offers a must read for all of us who are involved in the nowadays aspects of this section of science.

Acknowledgments

None

Conflicts of Interest

Author declare no conflict of interest.

Citation: Hens L. Contemporary pathways in horticultural science: from plasma to digital transformation. *Horticult Int J.* 2025;9(4):218. DOI: 10.15406/hij.2025.09.00349