

Special Issue

Detection and Identification of Transgenic Organisms in Agriculture

Message from the Guest Editors

The rapid development of genetically modified organisms (GMO) has produced huge benefits. To guarantee the healthy development of biotech organisms, many countries/regions stipulate GMO regulations to monitor GMO planting and application in food and feed. The implementation of GMO regulations requires establishing GMO detection technology that can screen GMO ingredients, identify GM events, and quantify GMO contents. The emergence of genome-edited organisms poses a huge challenge to the development of regulation-compliant detection technology for monitoring and testing. This Special Issue focuses on the development and assessment of GMO detection methods in the screening, identification and quantification of GMOs. This SI on the Detection and Identification of Transgenic Organisms will include interdisciplinary studies embracing agriculture within the disciplines of biochemistry, molecular biology, and omics. Research articles will cover a broad range of accurate quantification technologies, fast detection technology, high-throughput technology and technology focusing on detecting genome-edited organisms. All types of articles are welcome.

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Deadline for manuscript submissions

closed (10 December 2022)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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