

Special Issue

Monitoring, Detection and Control of Food Contaminants

Message from the Guest Editors

This Special Issue focuses on the conventional and emerging technologies for the monitoring, detection, and control of food contaminants. Additives, microbiological issues, and pesticide and animal drug residues are all major concerns. Topics of interest for this Special Issue include, but are not limited to:

- Methods for controlling contamination in food processing (GMPs, HACCP, packaging, temperature, sanitation, freezing, UV radiation, and others);
- Technologies for decontamination (heat, radiation, chemicals);
- Conventional techniques (spectroscopic/colorimetric techniques, chromatography, immunoassays, etc.);
- Nanomaterials and biosensors for detecting food contaminants;
- Emerging technologies (ultrasound, plasma, nanotechnology, natural antimicrobials, etc.).

Guest Editors

Dr. Luis M. Carrillo-López

CONAHCYT-Facultad de Zootecnia y Ecología, Universidad Autónoma de Chihuahua, Periférico Fco. R. Almada km 1, Zootecnia, Chihuahua 31453, Mexico

Dr. Rosa Isela Ventura Aguilar

CONAHCYT-Centro de Desarrollo de Productos Bióticos, Instituto Politécnico Nacional, Carr. Yautepec-Jojutla Km. 8.5, San Isidro Yautepec, Morelos 62731, Mexico.

Deadline for manuscript submissions

15 January 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/187851

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))