

## Special Issue

# Novel Techniques in Natural Product Extraction to Improve Antimicrobial and Antioxidant Activity in Foods

### Message from the Guest Editors

Currently, consumers are showing greater interest in foods that contain bioactive or functional components that provide additional benefits to their health. This has prompted the food industry to look for alternative preservatives that can enhance the safety and quality of foods. Compounds derived from natural sources are excellent candidates to replace synthetic molecules as they can exert their antioxidant and antimicrobial properties on food systems and provide better quality as well as stability for food products. Topics of interest include, but are not limited to, the following:

- Green technologies: high-voltage electrical discharges, high hydrostatic pressure, microwave-assisted extraction, pressurized liquid, supercritical fluid extraction, and ohmic heating;
- New green extraction solvents;
- New sources of bioactive compounds;
- Valorization of plants or bio-wastes;
- Antioxidant activity;
- Antimicrobial activity.

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### Guest Editors

Dr. Luz Hermila Villalobos Delgado

Dr. Rogelio Valadez Blanco

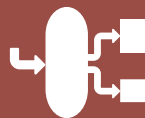
Dr. Paula Cecilia Guadarrama Mendoza

Prof. Dr. Guadalupe Virginia Nevárez-Moorillón

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### Deadline for manuscript submissions

10 April 2025



## Processes

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