

Special Issue

Spectroscopic, Chromatographic, and Chemometric Techniques Applied in Food Products Characterization

Message from the Guest Editors

The use of spectroscopic and/or chromatographic techniques coupled to chemometric methods represents a valuable tool for R&D in food manufacturing. Through this Special Issue, authors are encouraged to submit manuscripts regarding:

- Techniques for extraction, separation, estimation, and isolation of natural products;
- Analytical method development and validation for food analysis;
- Development and validation of rapid methods using calibration models based on near infrared (NIR) and/or middle infrared (MIR) spectra and chemometrics;
- Physico-chemical characterization of foods by spectroscopic and/or chromatographic and/or chemometrics techniques;
- Detection of food fraud and adulteration;
- Determination of food authenticity and origin;
- Assessment of chemical contaminants in food;
- Evaluation of natural and synthetic additives;
- Chemometrics tools for comparison and classification of agro-food products based on their physico-chemical properties, biological activities, sensory, and texture parameters.

Full-length original research articles, short communications, and review articles are welcomed.

Guest Editors

Prof. Dr. Vlad Mureşan

Department of Food Engineering, Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 400372 Cluj-Napoca, Romania

Dr. Cristina Anamaria Semeniuc

Department of Food Engineering, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3-5 Mănăştur St., 400372 Cluj-Napoca, Romania

Deadline for manuscript submissions

closed (28 October 2022)



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

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About the Journal

Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755,
USA

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