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Applications of Molecular Spectroscopy in Agri-Food Science and Manufacturing Processes

Guest Editors:

Dr. Marietta Fodor

Department of Food and Analytical Chemistry, Institute of Food Science and Technology, Hungarian University of Agriculture and Life Sciences, 1118 Budapest, Hungary

Dr. Zoltan Kovacs

Department of Measurements and Process Control, Institute of Food Science and Technology, Hungarian University of Agriculture and Life Sciences (MATE), Gödöllő/Budapest, Hungary

Dr. John-Lewis Zinia Zaukuu

Department of Food Science & Technology, Kwame Nkrumah University of Science & Technology, Kumasi-Ghana 00000, Ghana

Deadline for manuscript submissions:

closed (10 May 2023)



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Message from the Guest Editors

The various methods of molecular spectroscopy (UV-VIS, NIR, hyperspectral techniques, Raman, etc.) offer a wide range of possibilities, from the quantitative study of physicochemical and chemical properties to the structural investigation of molecules.

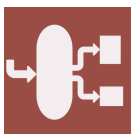
This broad applicability also means that spectroscopy used in almost all scientific fields (agriculture, food, medicine, diagnostics, etc.), complemented by the science of chemometrics, which is essential for data processing.

This Special Issue on “Application of Molecular Spectroscopy in Agricultural and Food Sciences” seeks high-quality works focusing on the field of agriculture and food science.

Topics include, but are not limited to:

- Applications of molecular spectroscopy in quality assurance;
- Advanced analytical techniques for monitoring agricultural products, food raw materials, and finished food products;
- New food testing advances (e.g., insect fortified foods);
- Relationship between UV/VIS, NIR, etc. techniques and chemometrics;
- Recent applications of molecular spectroscopy;
- Monitoring manufacturing processes using advanced molecular spectroscopy techniques;
- Adulteration and origin identification.

Special Issue



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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