



## Metabolomics in Agriculture

Guest Editors:

**Prof. Dr. Ian Dubery**

**Prof. Dr. Lizelle A. Piater**

**Dr. Fidele Tugizimana**

Deadline for manuscript  
submissions:

**closed (30 March 2019)**

### Message from the Guest Editors

This Special Issue is devoted to “Metabolomics in Agriculture” and topics that will be covered include (not exclusively): Studies on metabolomic analyses of host responses to biotic stresses, such as pathogen infection and insect attacks; adaptation mechanisms to abiotic stresses such as drought, heat and salt and mitigation effects of bio-stimulants thereon, as well as optimization and development of crop traits to enhance diet and health.

Topics of interest include, but are not limited to:

- agricultural biotechnology
- metabolomics
- metabolic networks
- stress adaptation

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*Guest Editors*





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## Editor-in-Chief

### Dr. Amedeo Lonardo

Internal Medicine, Ospedale  
Civile di Baggiovara, Azienda  
Ospedaliero-Universitaria, 41126  
Modena, Italy

## Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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## Contact Us

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

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