

## Identification of Disease Biomarkers by Metabolomic and Lipidomic Approaches

Guest Editors:

**Dr. Timothy Garrett**

Department of Medicine, Division  
of Environmental Medicine,  
University of Louisville, Louisville,  
KY 40202, USA

**Dr. Donald H Chace**

Medolac Laboratories, Boulder  
City, NV 89005, USA

Deadline for manuscript  
submissions:

**closed (30 August 2020)**

### Message from the Guest Editors

Dear Colleagues,

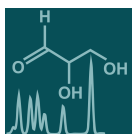
Over the past decade, metabolomic and lipidomic approaches have grown rapidly both from a technical perspective and from a disease diagnosis perspective. These approaches are now considered the first approach to begin to identify biomarkers related to many diseases, both human and plant. This Special Issue of *Metabolites* is titled “Identification of Disease Biomarkers by Metabolomic and Lipidomic Approaches” and is focused on analytical advances, applied research, and novel informatics methods that can be harnessed to tackle the identification of biomarkers in disease states. Manuscripts that tackle the challenges of identification of unknown diseases are also critical for this area of disease diagnostics, as we often encounter the unknown when studying a new disorder.

Dr. Timothy Garrett

Dr. Donald Chace

*Guest Editors*





an Open Access Journal by MDPI

## 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.

## 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), PubMed, PMC, Embase, CAPUS / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

## Contact Us

*Metabolites* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/metabolites](http://mdpi.com/journal/metabolites)  
[metabolites@mdpi.com](mailto:metabolites@mdpi.com)  
✉@MetabolitesMDPI