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Mitochondria in the Lipid Metabolism

Guest Editors:

Dr. Jing Tian

College of Food Science and
Technology, Huazhong
Agricultural University, Wuhan
430070, China

Prof. Dr. Zebo Huang

School of Food Science and
Engineering, South China
University of Technology,
Guangzhou 510641, China

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Message from the Guest Editors

Dear Colleagues,

Mitochondrion is a central actor in the maintenance of energy conversion homeostasis that are altered in adipose formation and obesity. Multiple mechanisms regarding the communication of mitochondrial fitness and the cellular functions or dysregulations have been reported in the process of lipid metabolism. The need for a better understanding of the molecular and microenvironmental cues that defines the role of mitochondria in those process is highlighted while the contradictory evidences were accumulated.

The Special Issue of *Mitochondria in the Lipid Metabolism* will publish reviews and original articles covering the latest findings of mitochondrial metabolic strategies contributing to the maintenance of lipid metabolism homeostasis. In addition, new measurement methods, bioinformatical tools and data analysis concepts are welcome.



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Special Issue



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Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergology and Clinical Immunology, University of Modena and Reggio Emilia, 41121 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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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