

Special Issue

Advances in Immune Metabolism: Lipid Regulation and Disease Outcomes

Message from the Guest Editor

This Special Issue focuses on the burgeoning interplay between lipid metabolism and immune cell functional fate, as well as its pivotal implications in human diseases. We aim to gather cutting-edge research and insightful reviews that dissect how metabolic reprogramming shapes the activation, differentiation and effector functions of diverse immune cells. Moreover, we seek contributions that elucidate the molecular mechanisms underlying metabolic regulation of immune responses, and how dysregulated immune metabolism drives the pathogenesis of chronic inflammatory disorders, autoimmune diseases, infectious diseases and malignancies.

Guest Editor

Dr. Hui Yang

Department of Immunology, School of Basic Medical Sciences, Fudan University, Shanghai 200032, China

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

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About the Journal

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.

Editor-in-Chief

Dr. Amedeo Lonardo

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

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