Special Issue

Amino Acid Metabolism and Physiological Resilience

Message from the Guest Editors

Peak performance during arduous physical and environmental circumstances may be compromised by muscle loss. Under these conditions, energy balance and the precise delivery of nutrient intake dictates the severity of adverse consequences for the elite and/or occupational athlete. The regulation of human physiology provides regulatory mechanisms that provide extraordinary resilience that are even more well developed by effective training regimens. The complex interaction between those mechanisms and improvements in nutrient delivery represent the focus of this Special Issue.

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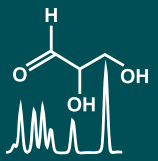

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Message from the Editor-in-Chief

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

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