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Sports Medicine: Nutritional Sciences and Nutritional Biochemistry

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Sport medicine is now a well-established field with many different applications, ranging from well-being to competitive sports, up to professional athletes.

This Special Issue aims to put a particular emphasis on sports nutrition, in particular evaluating the aspects of hormonal and biochemical regulation. This includes "classic" aspects of sports nutrition, such as pre and post workout, pre- and post-competition nutrition, nutrition during physical activity, dietary supplementation with particular focus on ergogenics and sport foods, and also innovative aspects such as the analysis of metabolites through urine or miRNAs to evaluate the nutritional status and consequent performance. Finally, we include new concepts that may involve AI and computational models such as fractals.

Potential topics include, but are not limited to, the following:

- Nutrition “peri” workout
- Nutritional supplements and performance
- Role of metabolomic in sport nutrition
- Role of miRNA in sport nutrition
- New consideration on metabolic pathway applied to sport nutrition
- Ergogenics and sport food: new insight
- AI and sport nutrition
- Nutrition and body composition evaluation



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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