

Special Issue

New Trends in Training, Performance, Coaching and Health in Sports Science

Message from the Guest Editors

In contemporary sports science, there exists a discernible paradigm shift characterized by emerging trends that significantly influence the domains of training, performance, coaching, and health. Notably, a predominant trend involves the amalgamation of data analytics and technological advancements. This integration enables optimizing training protocols and performance outcomes.

Furthermore, there is a notable trend towards the individualization of training regimes, whereby customized programs are tailored to accommodate the unique physiological and psychological profiles of athletes. This personalized approach encompasses bespoke nutrition plans, recovery strategies, and workload management techniques, which collectively aim to augment performance while mitigating the risk of injuries.

Moreover, interdisciplinary collaboration among sports scientists, nutritionists, physiotherapists, and coaches is expanding, fostering comprehensive approaches to optimizing athletic performance and nurturing long-term well-being. These evolving trends underscore a commitment to advancing the scientific frontier of sports performance while championing holistic athlete development and health.

Guest Editors

Dr. Jesús Siquier-Coll

Department of Communication and Education, Universidad Loyola Andalucía, 41704 Dos Hermanas, Spain

Dr. Ismael Martínez Guardado

Faculty of Health Sciences, Camilo José Cela University, C. Castillo de Alarcón, 49, Villafranca del Castillo, 28692 Madrid, Spain

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

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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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