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Health and Performance of Water Based Exercise and Sports

Guest Editors:

Prof. Dr. Cristina Cortis

Department of Human Sciences,
Society and Health, University of
Cassino and Lazio Meridionale,
Viale dell'Università, 03043
Cassino, Italy

Dr. Sabrina Demarie

Department of Human
Movement and Sport Sciences,
Università degli Studi di Roma
"Foro Italico", 00135 Rome, Italy

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Message from the Guest Editors

Water-based exercise and swimming combine upper and lower extremity strength exercises with cardiovascular training in a non-weight bearing environment and offer many physical and mental health profits. Parents of children with developmental disabilities can expand their family connections. Pregnant women can improve their physical and mental health. Older adults and people with diabetes and heart disease can improve their quality of life and decrease disability. Swimmers have about half the risk of death compared with inactive people. On the other hand, competitive swimmers undergo daily high-volume extensive swimming and high-intensity refinement training sessions that lead them to be prone to injuries mostly classed as overuse and relate to faulty biomechanics. A deep understanding of individual swimming biomechanics and training load can aid in the prevention and early recognition of symptoms.



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Special Issue



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Editor-in-Chief

Prof. Dr. Eling Douwe De Bruin

1. Institute of Human Movement
Sciences and Sport, IBWS ETH,
HCP H 25.1, Leopold-Ruzicka-
Weg 4, CH-8093 Zürich,
Switzerland
2. Karolinska Institutet,
Stockholm, Sweden

Message from the Editor-in-Chief

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Contact Us

Sports Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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