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Study on Bio-Thermofluid Dynamics

Guest Editors:

Dr. Yoshimichi Hagiwara

Faculty of Mechanical Engineering, Graduate School of Science and Technology, Kyoto Institute of Technology, Kyoto 606-8585, Japan

Dr. Tomonori Waku

Faculty of Mechanical Engineering, Kyoto Institute of Technology, Kyoto 606-8585, Japan

Dr. Satoshi Ogata

Department of Mechanical Systems Engineering, Tokyo Metropolitan University, Tokyo 192-0397, Japan

Message from the Guest Editors

This Special Issue on bio-thermofluid dynamics aims to provide a platform to exchange novel advances in these studies and accelerate each study on biomaterials, biomimetics, bio-inspired engineering, and biology-related technologies. Topics include, but are not limited to:

- Freezing/thawing behavior of cells and tissues;
- Characterization of cell damage caused by high temperatures;
- Process design and device design for cryosurgery and hyperthermia;
- Design of thermosensitive polymer-based functional materials;
- Design of anti-freezing/anti-frosting surfaces;
- Drag reduction by using agar gel and polysaccharides; and
- Drag reduction in fish, dolphins, and whales.

Deadline for manuscript submissions:

closed (15 April 2023)



mdpi.com/si/45762

Special Issue



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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