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Study on Bio-Thermofluid Dynamics

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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:

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Special Issue



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Message from the Editor-in-Chief

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