



## Molecular Mechanobiology in Space and on Earth 2.0

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Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editor

Mechanobiology is a rapidly growing field of research, particularly interdisciplinary because it combines biology and engineering. Studies concern, on a cellular level, how mechanical forces are sensed and transduced into intra- and intercellular signals, how they regulate cellular processes and homeostasis, and how they are involved in the induction and progression of diseases. Mechanobiology is becoming increasingly relevant to many fields, e.g., cancer biology, vascular biology, tissue formation, and regeneration, and therefore provides valid input to pharmacology as well as sports and rehabilitation medicine and geriatrics.

The Special Issue aims at collecting the latest scientific results as well as technological developments from all fields of mechanobiology on Earth or in Space. Under this general topic, we are welcoming manuscripts—either original work or review articles—focused on fundamental life and physical sciences, applied sciences, medical applications, new technologies, new visions that include commercial applications, as well as new or controversial paradigms.





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## Message from the Editor-in-Chief

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