

Special Issue

Biomedical Factors for Lower Extremity's Function

Message from the Guest Editor

The lower extremity plays an important role in our sitting balance, standing posture, and gait. The function of the lower extremity can be impaired by various causes such as musculoskeletal injuries, peripheral nerve injuries, vascular problems, and CNS lesions (spinal cord or brain injury, inflammation, tumor, etc.). After accurate diagnosis of the cause, it is possible to induce functional improvement of the lower extremity through various therapeutic approaches via appropriate interventions, pain management, rehabilitation, and the application of medical devices. “Bench-to-Bedside” research that can effectively apply the original technologies of biomedical engineering to clinical practice has recently been conducted. Through translating science from the lab to the clinic, the original technologies of biomedical engineering can be efficiently fused with medicine to present a new paradigm for diagnosis and treatment.

Deadline for manuscript submissions

closed (15 August 2021)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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