



Musculoskeletal biomechanics: bone, muscles, tendons and implants



Guest Editor:

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submissions:**
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Message from the Guest Editor

Dear Colleagues,

Development of patient-based medicine raises a question of more detailed biomechanical models of different tissues. On one hand, geometric parameters of organs influence a lot on biomechanical behavior. On the other hand, the structure of biological tissue provides special mechanical behavior. For more detailed simulation both geometry and special mechanical models should be taking into account. Of course, it leads to computationally expensive models. Moreover, finding real parameters for special models is not easy. And that's why, finding the optimal models are still urgent task. I hope in the special issue will collect researches focused on different task of biomechanical simulation and will shed light on modern concepts of mathematical model construction in biomechanics.

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Message from the Editor-in-Chief

Russian Journal of Biomechanics (RJB) is an international peer-reviewed journal, which was launched in 1997 to provide an effective platform for researchers from Russia and around the World to publish their new and innovative results in the biomechanics. RJB publishes research papers, review articles, technical notes, and short communications demonstrating new findings to solve the complex contemporary issues faced by biomechanicians using the principles of mechanics to explore biological problems.

The criteria for acceptance of manuscripts include excellence, novelty, significance, clarity, conciseness and interest to the readership.

All articles are peer-reviewed and in case of acceptance will find a place in Russian Journal of Biomechanics based on the merit and innovativeness of the research work. The journal should be of interest essentially to anyone involved in biomechanics.

We invite you to send your research papers, reviews and short communications for the forthcoming issues.

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