

## Special Issue

# Knee Arthroplasty: Current State of the Art in Clinical Application and Basic Research

### Message from the Guest Editors

Clinicians and researchers are now presenting different philosophies of component alignment and biomechanics of knee prostheses. These philosophies recognise each joint as unique and propose a customised approach for each patient. The goal is to improve arthroplasty survival and function, each patient's health-related quality of life and patient satisfaction, and to achieve a sense of normality in the operated knee. The aim is for the patient to forget that he or she has been operated on. This Special Issue aims to be an open forum for publishing these innovations and contributions to knowledge. Topics:

- New alignment concepts
- Technology in knee arthroplasty
- Incorporating bioengineering
- Customised surgery
- Extended reality and immersive technologies
- Defining limits and future challenges

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2023)



## Applied Sciences

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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.

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### Editor-in-Chief

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