

## Special Issue

# Symmetry in Medicine and Biomechanics

### Message from the Guest Editors

Symmetry is present in many aspects of the human body, medicine, and biomechanics of the locomotor system, which allows for proper and safe functioning. Achieving symmetry in the functioning of a part of the human body, the biomechanics of gait or other biomechanical parameters of the limbs are important for physicians, physiotherapists, and patients themselves. Asymmetry may disturb the functioning of the human body, especially in relation to the musculoskeletal system. In this Special Issue, we invite papers exploring and discussing the topic of (a) symmetry in medicine and biomechanics. We welcome papers exploring the prevalence of asymmetries in different organs, systems, disease units, associations between asymmetries and general human health, quality of life, treatment outcomes, quality of gait, other aspects of human biomechanics, and methodological as well as interventional studies concerning human body (a) symmetries.

### Guest Editors

Prof. Dr. Piotr Morasiewicz

Prof. Dr. Nejc Šarabon

Prof. Jarosław Filipiak

Prof. Dr. Paweł Reichert

Prof. Daniel Kotrych

### Deadline for manuscript submissions

closed (28 February 2023)



## Symmetry

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## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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### Editor-in-Chief

Prof. Dr. Sergei Odintsov

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