

## Special Issue

# The Impact of Biotechnology: A New Paradigm in Sport?

### Message from the Guest Editors

In the last few decades, technological progress has produced profound changes in humans' view of technology. Technology has increased humans' desire for improvement, helping them reach goals that were completely unattainable for earlier generations and only present in science fiction works. Advances in genetics, robotics, artificial intelligence, cybernetics, nanotechnology, and biomedicine promise to allow humans to modify their genetic code, clone themselves, create hybrid beings, and connect computers to biological elements in the human organism. The creation of transhuman beings would likely affect sport. Given the difficulty of knowing the long-term effects on sport of these technological advances, in this Special Issue, we aim to explore potential short- and medium-term changes, which would be greater than the ones that have occurred since the creation of modern sport in the 19th century. Contributions to this Special Issue, thus, will explore challenges that technological progress poses to the notions of purity (of the sport, the body, and performance) and integrity (personal and sporting).

### Guest Editors

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### Deadline for manuscript submissions

closed (1 September 2020)



## Philosophies

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### Message from the Editor-in-Chief

*Philosophies* searches for the syntheses of philosophical and scientific inquiries. It promotes philosophical work that is derived from the experience of diverse scientific disciplines and cultures. Multiple philosophies already exist— those of logic, information, computation, natural and artificial life, natural or artificial intelligence, complexity, technology, etc. Our mission is not to abandon philosophical roots and traditions of inquiry, but to promote the development of philosophical foundations and effective methodologies derived from diverse scientific explorations, and intended to enhance these explorations as to generate deeper and more holistic knowledge. Innovation may also be achieved through the cultural dimension. Other cultures can offer from their heritage a diversity of resources for exploration; these resources can also contribute to the emergent synthesis of philosophical inquiry.

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### Editor-in-Chief

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