



The Impact of Biotechnology: A New Paradigm in Sport?

Guest Editors:

Dr. José Luis Pérez-Triviño

Department of Law, Pompeu
Fabra University, 08002
Barcelona, Spain

**Dr. Francisco Javier Lopez
Frias**

Department of KinesiologyThe
Pennsylvania State University,
University Park, PA 16802, USA

Dr. Alberto Carrio Sampedro

Department of Law, Pompeu
Fabra University, 08002
Barcelona, Spain

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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).





Editor-in-Chief

Prof. Dr. Marcin J. Schroeder

The Faculty of International
Liberal Arts, Akita International
University, Akita 010-1292, Japan

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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Philosophies Editorial Office
MDPI, St. Alban-Anlage 66
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