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## **Biotechnology and Bioethics**

Guest Editor:

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## **Message from the Guest Editor**

Biotechnology has provided scientific advancements which can be applied to a wide range of other fields including medicine, agriculture, and environmental science. Advanced therapies, genetically modified organisms (GMOs), genome-editing technologies such as CRISPR, and synthetic organisms are just a few examples of biotechnological applications with a high scientific impact. In parallel with their advantages and utility, these applications have raised—and continue to raise—major ethical, legal, and social implications. Over the last few decades, more traditional but also novel biotechnological advancements have generated vivid debates on ethical dilemmas, which in certain cases had an impact on developing national or international policies.

This Special Issue will focus on the ethical, legal, and societal concerns raised by applications of biotechnology including Genome-editing technologies, GMOs, advanced therapies (e.g., stem cell and gene therapies), synthetic biology, nanotechnology, 3D bioprinting, patents in biotechnology, and biosafety, etc.



