

## Special Issue

# Bioinformatics: Present and Future Biotechnology

### Message from the Guest Editors

Bioinformatics, and in broader terms, computer science, has provided a significant speedup in many fields of life sciences thanks to its intrinsic capability of gleaning insights from almost any kind of structured, semi-structured, and unstructured data. As wet-lab technologies evolve, new challenges arise for the bioinformatics community. These include processing and analyzing NGS and single-cell data, drug discovery and repurposing, multi-omics data management and querying, and genomic data integration with clinical information (paving the way for personalized medicine). Consequently, bioinformatics outputs are becoming increasingly crucial for biologists, physicians, and biomedical researchers. So far, every significant advance in genomics has been paired with the development of groundbreaking statistical and computational approaches. We expect this trend to continue in the coming years. In this Special Issue, we welcome contributions in terms of original research articles, reviews, and opinions, concerning a large spectrum of present and future challenges for bioinformatics.

### Guest Editors

Dr. Pietro Pinoli

1. Department of Information, Electronic and Bioengineering, Politecnico di Milano, Milan, Italy
2. Stanford University School of Medicine, Stanford, CA, USA

Dr. Anna Bernasconi

Department of Information, Electronic and Bioengineering, Politecnico di Milano, Milan, Italy

### Deadline for manuscript submissions

closed (20 December 2022)



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*BioTech*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biotech@mdpi.com](mailto:biotech@mdpi.com)

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### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Massimo Negrini  
Department of Morphology, Surgery and Experimental Medicine,  
University of Ferrara, Ferrara, Italy

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