

## Special Issue

# Design and Development of Signal Processing in Biocomputing

### Message from the Guest Editors

In the last few decades, the design of new algorithms and software to extract biological knowledge has increased, mainly due to the development of signal processing in biocomputing. This exciting new development has made it possible to improve the solutions that already exist as well as face new challenges. The objective of this Special Issue is to present and discuss the most recent advances in design and development techniques in the field of signal processing applied to bioinformatics. Possible topics include, but are not limited to, the following:

- Biological systems and bioinformatics;
- Bio-inspired systems;
- Digital communication based on applied signal processing;
- Computational techniques applied to problems of molecular biology, genomics and biophysics;
- Advances in biomedical signal processing;
- Diagnosis systems and evolutionary control through biosignals;
- Applications of pattern recognition in biocomputing.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 October 2021)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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