

## Special Issue

# Bioengineering Techniques and Applications Against COVID-19

### Message from the Guest Editors

In this Special Edition, we would like to receive innovative contributions on bioengineering techniques and applications against COVID-19. Authors are invited to submit original, unpublished papers on topics including but not limited to:

- Disease prevention techniques;
- Simulations that make it possible to predict the behavior of the virus;
- Development, optimization, and validation of early diagnosis methods, within a framework of training and national autonomy for the COVID diagnosis;
- Methods for early detection of the infection and for disease prognosis;
- Characterization of the immune response, immunopathology, and immunogenetic factors;
- Development of new therapies or new therapeutic approaches or protocols;
- Clinical studies for management and monitoring of infected individuals and risk groups using computational approaches;
- Equipment or devices to improve the response of health systems;
- Support tools to help clinic decision making processes in scarce resource environments.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2022)



Bioengineering

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Impact Factor 3.7  
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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, Inspec, and other databases.

#### Journal Rank:

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).