

Special Issue

Tailored Peptide Modifications for Advanced Infection Control Strategies

Message from the Guest Editors

Tailored peptides including antimicrobial peptides (AMPs), peptide antibiotics, synthetic peptides, and peptide-based vaccines are recognized as potential alternatives to fight against drug resistance and new infections. In this Special Issue, authors are invited to submit papers related to, but not limited to, the following specific areas or research: Characterization and designing of novel AMPs, peptide antibiotics, synthetic peptides, and peptide-based vaccines or therapies; Strategies for the development of peptide-based therapies against infectious diseases; Peptide-based immunotherapies to combat cancer; Applications and strategies to use peptide-based therapies against autoimmune disease; Peptide-based therapies against fungal infections and antifungal drug resistance; Protein engineering strategies to design efficient peptide-based therapies; Synergistic action or combination treatment strategies of peptides with conventional antibiotics or other drugs to improve efficacy; New delivery strategies for peptides and peptide-based therapies to overcome drug resistance; Peptide-based therapies and immunotherapies in clinical trials and therapeutics.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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