Special Issue

Novel Interventions for Control of Human Pathogens

Message from the Guest Editor

The evolution of antimicrobial-resistant bacterial pathogens in recent years has created concern in both the medical and agricultural fields. Novel antimicrobial chemotherapies and other control methods are needed to keep pace with these ever-evolving pathogens. The Special Issue "Novel Interventions for Control of Human Pathogens" is seeking research papers that address all aspects of the development of novel antimicrobials or other emerging interventions (such as probiotics) in the fields of human medicine, food science and food safety technology, and both pre-harvest and post-harvest agricultural interventions that address the control of human pathogens contaminating meats, vegetables, dairy products and spices.

New interventions

for Salmonella, Campylobacter, Escherichia coli, Listeria monocytogenes, Listeria monocytogenes and other examples would be pertinent topics for this Special Issue.

Guest Editor

Dr. Peter M. Rubinelli

Department of Food Science, University of Arkansas, Fayetteville, AR 72704, USA

Deadline for manuscript submissions

closed (30 November 2023)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/174145

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

