

Special Issue

Biochemistry, Molecular Biology Research of Proteins

Message from the Guest Editors

The development of new drugs able to counteract pathogenic microbes is crucial in many fields of application due to the large increase of drug-resistant bacterial strains. The growing problem of resistance to conventional antibiotics and the need for new antibiotics has stimulated interest in the development of new possible human therapy. Much interest has been directed towards natural molecules or antimicrobial peptides. In this respect, the study of their mechanisms of action and the identification of their protein targets could increase their specificity and power of action leaving pathogens exposed to antibiotic treatments. This Special Issue will be dedicated not only to the study of new antimicrobial compounds, natural or synthetic, but also on the studies of already existing compounds to identify specific protein targets and to develop new molecules with improved antimicrobial profiles. Dr. Angela di Somma

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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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