



Natural and Synthetic Peptides with Pharmacological Activity

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Message from the Guest Editors

Dear Colleagues,

Recently, antimicrobial peptides (AMPs) have attracted the interest of the medical and pharmaceutical sector as potential alternatives for traditional antibiotics. AMPs have a wide range of applications and a broad spectrum of activity (they can be effective against fungi and viruses, and selectively against cancer cells). AMPs are synthesized by all living organisms (bacteria, plants, and animals), but can also be chemically synthesized. By chemical synthesis, sequence modifications can be inserted to improve stability, bioavailability, and biocompatibility, as well as pharmacological activity.

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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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