

## Special Issue

# Heterocyclic Compounds with Potential Biological Activity: From Synthesis to Application

### Message from the Guest Editor

The fact that heterocyclic compounds play very important functions in living organisms. They constitute a structural element of nucleic acids i.e. chemical substances that carry the genetic information controlling inheritance. Some of the naturally occurring products, e.g. pigments, vitamins, alkaloids and antibiotics, possess a heterocyclic core. Modern society is dependent on synthetic heterocycles that are predominantly used as pharmaceuticals, agrochemicals and veterinary products. They also find applications as sanitizers, antioxidants, copolymers, dyes, and plastics. They are used as vehicles in the synthesis of other organic compounds. Due to the variety of modern methods for the synthesis, the chemistry of heterocyclic compounds has developed rapidly and dynamically recently. The aim of this Special Issue is to spot recent advances in "*Heterocyclic Compounds with Potential Biological Activity*", including original research papers or up-to-date, comprehensive reviews, highlighting the recent identification of synthetic and natural molecules with potential biological activity and possible applications.

### Guest Editor

Prof. Dr. Mariusz Mojzych

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### Deadline for manuscript submissions

closed (30 May 2021)



## Applied Sciences

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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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### Editor-in-Chief

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