

Special Issue

New Biologically Active Molecules for Combating Neurodegeneration and Viral Infection

Message from the Guest Editors

This Special Issue of *Molecules* is focused on recent approaches in developing innovative and “reincarnative” pharmaceutical agents for cure and prevention of viral infection and neurodegeneration. Notwithstanding big differences in these diseases, some chemical approaches in the design of novel, efficient drug-like agents could be quite similar. In conclusion, we welcome submissions that cover, but are not limited to, the following topics:

- Synthesis and study of novel agents for Alzheimer’s disease;
- Synthesis and study of novel agents for Parkinson’s disease;
- Synthesis and study of novel agents for ALS;
- Multi- and mono target approaches for development novel neuroprotectors and cognition enhancers;
- Old drugs for new approaches;
- Targeting coronavirus diseases by synthetic chemical entities and natural products;
- Antiviral properties of natural compounds and their synthetic derivatives;
- Target-oriented search for antiviral agents against emergent viruses;
- Development of surrogate systems to search for new antiviral agents

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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