

Special Issue

New Insights into Machine Learning in Chemistry, Biochemical Engineering, and Pharmacy

Message from the Guest Editors

Recent advances in machine learning have sparked enthusiasm for applications in chemistry and allied disciplines such as biochemical engineering and pharmacy. There are numerous opportunities for machine learning to support the chemical sciences, but it is important to distinguish between advances in current practice and potential future benefits of these technologies. Scientists, engineers, and clinicians need to know both how they can leverage machine learning in its present state and what the prospects are for future utility in chemistry and allied disciplines. The aim of this Special Issue is to present recent advances in machine learning applications in the fields of chemistry, biochemical engineering, and pharmacy. Reviews, full papers, and short communications, from methodological advances to healthcare implications of current trends in machine learning applied to chemistry and allied disciplines, are all welcome.

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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