Special Issue

The Application of LC-MS in Pharmaceutical Analysis

Message from the Guest Editors

This Special Issue aims to gather and disseminate the latest research, methodologies, and findings related to the application of LC-MS in pharmaceutical analysis. We envision a comprehensive collection of manuscripts that cover a wide range of themes, including (but not limited to) the following:

- Method development and validation using LC-MS for pharmaceutical analysis;
- Chemical characterization and metabolite identification using LC-MS;
- Untargeted and targeted metabolomics studies employing LC-MS;
- Pharmacokinetic analysis using LC-MS techniques;
- High-throughput LC-MS approaches for drug discovery and analysis;
- The analysis and identification of impurities and degradation products using LC-MS.

We believe that this Special Issue will serve as an excellent platform for researchers and practitioners in the field to share their valuable insights, novel methodologies, and significant findings. It will not only contribute to the existing knowledge base but also stimulate further advancements in LC-MS technology and its applications in pharmaceutical analysis.

Guest Editors

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Message from the Editor-in-Chief

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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