

Special Issue

Recent Advances in Apoptotic and Anti-inflammatory Agents

Message from the Guest Editor

Apoptosis is widely regarded as an essential component of a variety of processes, such as embryonic development, hormone-dependent atrophy, regular cell turnover, and the proper development and function of the immune system. It is an essential component in the search for treatments for many diseases. A vital component of the body's healing process is inflammation. Through the management of a number of different inflammatory processes, the inflammatory response protects the host from potentially hazardous external elements such as bacteria and fungus, and also works to eradicate these potentially harmful external factors and wounded cells. On the other hand, excessive inflammatory reactions may lead to the increased generation of inflammatory mediators, which in turn can cause a variety of chronic inflammatory diseases. This Special Issue, entitled "Recent Advances in Apoptotic and Anti-inflammatory Agents", aims to collect original and review articles on agents that can encourage the regulation, prevention, and induction of apoptosis and/or inflammation in different disease models.

Guest Editor

Dr. Syam Mohan

Substance Abuse and Toxicology Research Centre, Jazan University,
Jazan, Saudi Arabia

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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