

Special Issue

Opportunities and Challenges in High Pressure Processing of Foods

Message from the Guest Editors

New processes for microbiological decontamination, deaeration, and texturing while preserving product quality have become key elements of food technology. The ultra-high-pressure (UHP) technology specifically allows purely mechanical processing, while instant controlled pressure drop (DIC) is a high-temperature/short-time (HT/ST) operation that destroys bacteria under both vegetative and spore forms and also allows the reduction and, possibly, complete elimination of allergens. This Special Issue aims to collect both fundamental research works and articles on technological applications.

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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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