

Special Issue

Natural Bioactives: From Discovery to Applications in Reproduction

Message from the Guest Editor

Throughout history, numerous bioactive molecules isolated from natural resources have been used to counteract a variety of reproductive diseases based on their antioxidant, anticancer, and anti-inflammatory effects in vivo as well as in vitro. In addition to well-known fertility-promoting natural biomolecules such as resveratrol, curcumin or lycopene, new bioactive substances exhibiting a variety of plausible beneficial effects on the male and female reproductive system are continuously emerging and gaining an increased attention from the scientific community. As such, this Special Issue is dedicated to original research articles, which report on the latest findings connected to the role of bioactive compounds isolated from natural sources and their derivatives in the management or treatment of reproductive dysfunction.

Guest Editor

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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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