

Special Issue

From Molecules to Origin of Life: The Astrobiology Network

Message from the Guest Editor

Prebiotic chemistry, molecular evolution, chemiomimesis, and systems chemistry and biology represent the basic concepts for the study of the Origin of Life in planetary and sub-planetary as well as space-like conditions. Astrobiology is a multidisciplinary network that links these basic concepts from molecules to the first cells, encompassing theoretical studies, prebiotic synthesis and primordial accumulation processes, analytical detection tools, the emergence of chemical complexity and supramolecular organization, habitability, and extreme environmental conditions. Such concepts necessarily involve the history of primordial molecules and their transformation and evolution to primitive life, representing universal records for understanding both where we come from and where we are going.

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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