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Computer Simulation of the Origin of Life

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Deadline for manuscript submissions:

closed (29 December 2023)

Message from the Guest Editors

To date, we are still by and large in the dark in the field of the origin of life. However, clues have been accumulating from both experimental and theoretical studies. On the one hand, the origin of life is certainly a problem of chemistry, which involves molecular mechanisms in a prebiotic context—so-called prebiotic chemistry. Experimental work has been contributing to this aspect, and we have seen exciting discoveries. On the other hand, the origin of life is also a problem of evolution. Fortunately, theoretical work, now largely based on computer simulation, may contribute by demonstrating relevant evolutionary dynamics, and has revealed many interesting mechanisms. It is expected that the combination of experimental and theoretical efforts will ultimately lead to a breakthrough in this special field dealing with one of the most amazing events in nature.

This Special Issue focuses on computer simulation studies on the origin of life—mainly studies related to the evolutionary aspect, but the scope encompasses a wider range of topics, and includes any potential *in silico* work concerning the origin of life.



mdpi.com/si/125087

Special Issue



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Message from the Editor-in-Chief

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