Origins of Life and Evolution of Biospheres
The Journal of the International Astrobiology Society
Editor-in-Chief: A.W. Schwartz
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- Contributes to understanding of the origins, evolution and distribution of life in the Universe
- Discusses prebiotic chemistry and Earth's early environment, self-replicating and self-organizing systems, the theory of the RNA world and other possible precursor systems, and the origin of the genetic code
- Also focuses on early evolution of life, as revealed by new scientific techniques

The origin and early evolution of life is an inseparable part of the discipline of Astrobiology. The journal Origins of Life and Evolution of Biospheres places special importance on this interconnection. While any scientific study which contributes to our understanding of the origins, evolution and distribution of life in the Universe is suitable for inclusion in the journal, some examples of important areas of interest are: prebiotic chemistry and the nature of Earth's early environment, self-replicating and self-organizing systems, the theory of the RNA world and of other possible precursor systems, and the problem of the origin of the genetic code. Early evolution of life - as revealed by elucidation of biochemical pathways, molecular phylogeny, the study of Precambrian sediments and fossils and of major innovations in microbial evolution - forms a second focus. The journal presents experimental papers, theoretical articles and authoritative literature reviews.

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