

Special Issue

Geochemistry and the Origin of Life

Message from the Guest Editor

This Special Issue will be dedicated to the origin of life in its geochemical environment. In addition to liquid water and organic molecules, specific environmental components and conditions were essential for the origin of life. Early Earth was not a perfect chemical laboratory for organic reactions, and thus prebiotic chemistry must embrace realistic geological scenarios. There are three critical steps leading towards primitive life: (1) concentration of the molecular components participating in prebiotic reactions and control of water activity, (2) stabilization and structural conformation of molecules, and (3) chemical evolution through complexification. In addition to new results in classical prebiotic chemistry and in comprehensive evaluation of the Hadean mineralogy, special attention will be paid to experimental data showing that the aforementioned processes are greatly aided by the presence of mineral surfaces.

Guest Editor

Prof. Dr. André Brack

Centre de biophysique moléculaire, CNRS, Orléans, France

Deadline for manuscript submissions

closed (31 May 2018)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/12314

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

[mdpi.com/journal/
life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)