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The Origin and Early Evolution of Life: Prebiotic Chemistry Perspective

Guest Editors:

Dr. Seán F. Jordan

Department of Life Sciences,
Atlantic Technological University,
Sligo, Ireland

Dr. Eloi Camprubi

Department of Biology,
Department of Chemistry,
University of Texas Rio Grande
Valley, Edinburg, TX, USA

Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editors

We would like to keep this Special Issue as broad as possible by probing the insights into not just life's emergence, but also its early evolution, which can be gleaned from a prebiotic chemistry perspective, and how this matches with top-down approaches. We encourage submissions from researchers across all disciplines including (but not limited to) the following topics:

- Early Earth environments
- Sources of prebiotically relevant chemical species
- Self-assembly and autocatalysis in prebiotic chemistry
- The emergence of life
- The transition from prebiotic chemistry to biochemistry
- The evolution of early life
- Distinguishing between prebiotic chemistry and biochemistry in the rock record of the early Earth
- The implications of prebiotic chemistry on the search for extra-terrestrial biosignatures

Our aim is to compile an issue that highlights the role prebiotic chemistry plays in investigating life's emergence, its early evolution, understanding the early Earth, the interpretation of biosignatures from the early Earth, and the search for life elsewhere in the Solar System.



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Special *Issue*



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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

Message from the Editor-in-Chief

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Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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