



life



an Open Access Journal by MDPI

Synthetic Biology: From Living Computers to Terraformation

Guest Editor:

Prof. Dr. Ricard Solé

1. ICREA-Complex Systems Lab,
Universitat Pompeu Fabra,
Barcelona, 08003, Spain
2. Santa Fe Institute, 1399 Hyde
Park Road, Santa Fe, New
Mexico, (USA)

Deadline for manuscript
submissions:

closed (31 October 2018)

Message from the Guest Editor

The objective of the present Special Issue of *Life* is to bring together original research and reviews on synthetic biology with a special emphasis on its current and future role in understanding the origins of living complexity on multiple scales. The broad scope of this Special Issue encompasses a diverse range of topics, including:

- Computation in living cells and tissues
- Engineering synthetic transitions
- Engineering cognitive innovations
- Synthetic evolutionary ecology
- Synthetic transitions from parasitism to mutualism
- Synthetic microbiomes
- Planetary terraformation



mdpi.com/si/16533

Special Issue



life



an Open Access Journal by MDPI

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

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.

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](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)