



an Open Access Journal by MDPI

# **Planet Formation and the Rise of Life**

Guest Editor:

## Dr. Sarah Maddison

Centre for Astrophysics and Supercomputing, Faculty of ICT, Swinburne University of Technology, H30, PO Box 218, Hawthorn, VIC 3122, Australia

Deadline for manuscript submissions: closed (31 October 2013)

### Message from the Guest Editor

Dear Colleagues,

While the building blocks of life appear to be available in molecular clouds, life almost certainly needs a host planet on which to form and evolve. Understanding the formation and dynamical evolution of planetary systems is a vital first step in our understanding of life. This special edition invites new works and reviews covering topics related to the formation of the first condensates; the growth of planetesimals and planetary systems in protoplanetary discs; the early chemical and dynamical evolution of our Solar System; and the dynamics and architecture of the exoplanet systems we observe around main-sequence stars today and potential implications to the rise of life.

Dr. Sarah Maddison *Guest Editor* 









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, CAPlus / SciFinder, AGRIS, 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