

## Special Issue

# Space Experiments for Astrobiology

### Message from the Guest Editor

Space environments provide us with ideal places for astrobiology experiments in terms of evolution of prebiotic molecules, resistance of life, and their possible transportations. Various experiments have been conducted and are currently ongoing at the International Space Station (ISS), such as the EXPOSE and Tanpopo missions, to understand the evolution of organic matter in space and the effects of exposure to the space environments of microbes. For example, Tanpopo missions include capture and exposure of microbes in space, collection and organic analysis of micrometeoroids, and exposure of organic compounds in space. The final samples from Tanpopo 1 have recently arrived, and Tanpopo 2 will be launched soon. The objective of this Special Issue is to bring together what we have learned from space experiments and related studies. We encourage submissions on original results and reviews from experiments at the stratosphere to outer space using high-altitude balloons, ISS, nanosatellites, and cubesats, as well as related ground-based experiments.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2019)



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