

Special Issue

Practical Applications of the Theory of Life: From Biological Foundations to Applied Biosystems

Message from the Guest Editor

What defines life—and how can this understanding shape practical fields such as medicine, biotechnology, or environmental systems? The Theory of Life seeks to explain the essential principles underlying living systems, including organization, self-regulation, metabolism, reproduction, and interaction with the environment. While much progress has been made in theoretical biology and systems science, the translation of these concepts into practical applications remains a crucial and emerging frontier. We are pleased to invite you to contribute to the upcoming Special Issue of *Applied Sciences*, which aims at exploring how foundational theories about life and living systems can inform real-world innovations, interventions, and technologies across disciplines.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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