Theories and Applications of Fractional Order Bio-Mathematics in Medicine and Biology

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Deadline for manuscript submissions:
closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues

We invite you to submit your research papers in the field of bio-mathematics and its applications to this Special Issue, entitled "Theories and Applications of Bio-mathematics in Medicine and Biology", of the journal Fractal and Fractional. The main goal of this Special Issue is to celebrate the huge increase in and relevance of applications of mathematics to medicine, biology and life sciences. We will focus on both fractional and integer orders of mathematical models. We will focus on both fractional and integer orders of mathematical models.

In this Special Issue, original research articles and reviews are welcome. Topics that are invited for submission include (but are not limited to):

- Integer and fractional order models
- All bio-mathematical models such as Covid-19, HIV, Malaria, Diabetes, tuberculosis and other models
- Theories, convergence analysis, error bound, stability, existence and uniqueness of solution.
- Fuzzy and crisp multi-dimensional models

We look forward to receiving your contributions.

Prof. Dr. Samad Noeiaghdam
Prof. Dr. Denis Sidorov
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Special Issue