Special Issue

Applied Mathematics in Biology and Medicine

Message from the Guest Editor

Mathematical models have been developed with significant mathematical contents addressing topics in medicine and biology. Since the beginning of the COVID-19 pandemic, many mathematical prediction models have also been developed in public health and government administration. Modeling the number of infected individuals is a principal tool in the event of an epidemic. Meanwhile, studying the natural disease transition of viruses between possible variated states often includes statistics in biology and medicine research. Several medical and biological problems can be formulated into mathematical models, and can be analyzed using sophisticated optimization and computational techniques. Papers that exploit modern developments in applied mathematics are particularly welcome.

Guest Editor

Prof. Dr. Hsing Luh

Department of Mathematical Sciences, National Chengchi University, Taipei, Taiwan

Deadline for manuscript submissions

closed (30 May 2023)

Axioms

mdpi.com/journal/
axioms

About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

Author Benefits

Open Access
— free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:
indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank:
JCR - Q2 (Mathematics, Applied)