



an Open Access Journal by MDPI

Biomechanics Studies in Ophthalmology

Guest Editor:

Prof. Dr. Joseph L. Demer

Departments of Ophthalmology, Neurology, and Bioengineering, and Stein Eye Institute, University of California, Los Angeles, CA, USA

Deadline for manuscript submissions: **31 August 2024**

Message from the Guest Editor

Dear Colleagues,

Biomechanics can provide essential insights into the normal sensorimotor function of the eye and visual system, as well as the pathophysiology and treatment of important ocular diseases. This Special Issue welcomes submissions of reports on the mechanical properties and behavior of animal and human ocular tissues, computational models of organ-level behavior in the sensorimotor visual system in animals and humans, and mechanically based models providing insight into ocular diseases and their possible treatments.

Prof. Dr. Joseph L. Demer *Guest Editor*



mdpi.com/si/196657







an Open Access Journal by MDPI

Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

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, Inspec, and other databases. **Journal Rank:** JCR - Q2 (*Engineering, Biomedical*)

Contact Us

Bioengineering Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/bioengineering bioengineering@mdpi.com X@Bioeng_MDPI