

# Special Issue

## Ophthalmic Engineering: Second Edition

### Message from the Guest Editor

The majority of people rely on their eyes to perceive and make sense of the world. However, the eye and the visual system are vulnerable to diseases and disorders at every stage of life. At present, at least 2.2 billion people around the world have a vision impairment, according to the World Report On Vision by WHO. In this Special Issue, we will focus on the vast range of potential bioengineering methods to be applied and their applications in ophthalmology and visual science. Both original research contributions and review papers are welcome. Topics may include, but are not limited to, the following:

- ocular biomechanics;
- ophthalmic imaging;
- artificial intelligence in ophthalmology;
- virtual reality;
- biomolecular, cellular and tissue engineering in ophthalmology;
- novel diagnostic and treatment methods in ophthalmology;
- material characterization of ocular tissue.

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### Guest Editor

Prof. Dr. Xiaofei Wang

School of Biological Science and Medical Engineering, Beihang University, Beijing, China

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### Deadline for manuscript submissions

closed (30 September 2024)



## Bioengineering

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### Message from the Editor-in-Chief

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.

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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