

Special Issue

Bioengineering Technologies to Advance Reproductive Health

Message from the Guest Editor

Over the last several years, engineering technologies and bioengineered systems have been used to investigate the physical properties of reproductive tissues, study the dynamics of gametogenesis, and integrate multitissue systems. The purpose of this Special Issue is to identify recent advancements in reproductive biology and regenerative medicine through bioengineering. Topics for publication include the use of engineered microenvironments or materials to interrogate the molecular mechanisms or physiology of reproductive organs or cells, the use of microfluidics to integrate multiple tissues and support gamete quality selection or fertilization, and the use of engineering technologies to characterize the physical properties of reproductive tissues. Original research submissions are highly encouraged, and review articles that focus on research from the last five years as well as conceptualize the promise of future contributions to understanding reproductive biology and supporting future innovations in regenerative medicine will also be considered.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2024)



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/131403

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About the Journal

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.

Editor-in-Chief

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