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CRISPR-Based Genome Editing in Translational Research—Second Edition

Guest Editors:

Dr. Jifeng Zhang

Center for Advanced Models for Translational Sciences and Therapeutics, University of Michigan Medical School, Ann Arbor, MI 48109, USA

Dr. Dongshan Yang

Center for Advanced Models and Translational Sciences and Therapeutics, University of Michigan Medical Center, Ann Arbor, MI 48109, USA

Dr. Jie Xu

Center for Advanced Models and Translational Sciences and Therapeutics, University of Michigan Medical Center, Ann Arbor, MI 48109, USA

Deadline for manuscript submissions:
closed (31 August 2024)

Message from the Guest Editors

Dear Colleagues,

Emerging gene editing tools represented by CRISPR/Cas9 have had a significant impact on the translational biomedical research field. Thanks to their ease of use and high efficiency, they are widely used for the production of novel animal and cellular models and for the development of gene-editing-based therapy for genetic and nongenetic diseases. At the same time, many roadblocks remain in the path toward their eventual clinical applications, such as substantial off-target editing events which need to be minimized and a lack of efficient and safe in vivo delivery methods.

This Special Issue calls for research and review articles on any topics related to the translational application of CRISPR in modern biomedical research.

Dr. Jifeng Zhang
Dr. Dongshan Yang
Dr. Jie Xu
Guest Editors



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Special Issue



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Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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