

Special Issue on
Genome Editing in Pluripotent Stem Cells

CALL FOR PAPERS

Pluripotent stem cells (PSCs) including embryonic stem (ES) cells and induced pluripotent stem (iPS) cells hold great potential, since they possess the ability to differentiate into most of the specialized cell types. Thus, PSCs have been widely used in basic biomedical research, drug discovery, and regenerative medicine. Recent advances in genome editing technologies using TALEN and CRISPR/CAS9 have provided efficient and rapid tools to genetically modify PSCs for disease modelling, drug screening, and cell therapy.

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts on genome editing in PSCs. We are interested in articles describing new molecular mechanisms of genome editing, genome editing strategies to correct disease-linked mutations, and other novel applications of genome editing in PSCs.

Potential topics include but are not limited to the following:

- ▶ Recent developments in genome editing methods
- ▶ Advances in molecular mechanisms of genome editing
- ▶ Recent applications of genome editing in genetic modification in PSCs
- ▶ Role of small molecules in genome editing
- ▶ Disease modelling using genome editing and PSCs
- ▶ Genome editing in the early embryo/animal models

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/sci/gepsc/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Qiang Wu, National University of Singapore, Singapore
qwu@must.edu.mo

Guest Editors

Bo Feng, Chinese University of Hong Kong, Shatin, Hong Kong
fengbo@cuhk.edu.hk

Wensheng Zhang, Sanger Institute, Hinxton, UK
wz1@sanger.ac.uk

Submission Deadline

Friday, 29 September 2017

Publication Date

February 2018