

Special Issue

Transgenic Mice in Human Diseases: Insights from Molecular Research

Message from the Guest Editor

Transgenic mouse models are essential for understanding the molecular mechanisms and pathogenicity of the majority of human diseases. Research based on live mouse models is important to discover and/or improve methods for the prevention, diagnosis, and treatment of diseases. This Special Issue aims to cover all areas of molecular-based research to study various human diseases using genetically engineered mouse models. It welcomes original research, reviews, and short communication articles on cellular and molecular analyses of transgenic mouse models that includes, but is not limited to, functional genomics of disease, epigenomics, proteomics, RNA biology, systems biology, approaches and methods of mouse genome editing, software tools, etc.

Guest Editor

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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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