



genes



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Prospects in Transgenic Technology 2020

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear colleagues,

With the advent of gene editing technologies, the ability to manipulate genomes has become amenable to nearly all species. Gene modification protocols that lead to new ways of generating genetically engineered model systems are being developed at an exponential pace, with new techniques reported almost daily. With this technology, we may be able to easily generate models of diseases affecting both humans and other animals, increase food production worldwide, and perform gene therapy to alleviate disease, among the many possibilities. However, success should be based on an understanding of when to use newer vs. established technologies. Scientists should be aware of both expected and unexpected consequences of the particular method chosen for gene modification. Analyses and assessments that take into account such consequences are critical for acceptance by society, as is an ethical approach to determining what uses such technology can have.

This Special Issue of *Genes* welcomes original research manuscripts and review papers that address the science and ethics of gene modification.

Guest Editors

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Dr. Jan Parker-Thornburg



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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