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C. elegans - A tribute to the legendary worm

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to illustrate the key scientific contributions of research teams worldwide using the nematode *C. elegans* as a model. This small, transparent animal has been the focus of attention of many researchers and enabled major advancements in the fields of cell biology, development, neurobiology, aging, metabolism, and gene expression regulation, among others, the relevance of which is highlighted by the three Nobel prizes awarded to date concerning *C. elegans*-based biological discoveries. More recently, this model organism has served as a platform for drug discovery. The review articles included in this Special Issue will provide an overview of developments to date in each field, in addition to the main challenges and emerging possibilities for future research.

Dr. Patrícia Maciel
Guest Editor



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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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