Special Issue

Current Genetic Insights in Organ Development

Message from the Guest Editor

Organ development involves a synchronized series of morphological and biochemical transformations that are precisely controlled to ensure normal organ growth and function. We now know many genes that drive tissue remodeling during organogenesis, but we still do not fully understand the underlying mechanisms that regulate organogenesis on the genetic, transcriptomic, and epigenetic level. It is still unclear.

This Special Issue aims at exploring recent and novel insights in the genetics of organ development. Researchers are invited to contribute original articles or short reports or new methods or reviews or commentaries that address current advances in genetics of organ development on the model organism they study. A particular focus will be on (but not limited to) mutational analysis of previously uncharacterized genes, gene interactions, epigenetic modifications, and gene expression patterns that affect organ development. We further aim at reporting on the cellular and molecular mechanisms through which gene mutations result in developmental aberrations, and how these genes are regulated or dysregulated.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2022)

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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