

Special Issue

Sex/Gender Differences in Health from Omics Approaches

Message from the Guest Editor

Sex/gender differences are detected in a large number of diseases but the underlying causes of these changes are still unknown. The detection and a better understanding of these biological, clinical, and psychosocial causes would allow us to be more precise in the diagnosis and to personalize treatments for each group of patients. Omics approaches could improve the knowledge that explains these differences to provide evidence-based useful information, in prevention and the decision-making of health stakeholders. What signaling pathways are more activated in neurodegenerative diseases when comparing men and women? Is there any sex-dependent differential regulation? What radiomics differences are specific for women in gliomas? Could we detect specific targets for men and women to improve drug activity in cardiovascular diseases? In this Special Issue of *Genes*, we would like to answer these questions and many more related to sex differences in health from omics approaches.

Guest Editor

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Deadline for manuscript submissions

closed (20 March 2021)

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Genes

an Open Access Journal
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Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



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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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