

## Special Issue

# X-Linked Disorders: Epigenetic and Environmental Modulation of Phenotypes

### Message from the Guest Editors

This Special Issue “X-Linked Disorders: Epigenetic and Environmental Modulation of Phenotypes” will explore X-linked disorders from an integrative perspective, encompassing not only genetic content and mechanisms but also the possible role of environmental influences and epigenetic regulation in shaping the manifestation of congenital and acquired X-linked disorders in a sex-specific manner. We welcome original research articles, reviews, and case studies that explore the following topics:

- Genetic mechanisms and novel mutations in X-linked disorders;
- The role of X-inactivation and its clinical implications;
- Environmental and epigenetic modifiers of gene expression;
- Sex-specific disease expression;
- Epidemiological studies across diverse populations;
- Implications of variability in gene expression among individuals, tissues, cell types, and stages of life.

This Special Issue will advance our understanding of X-linked conditions and foster a broader dialog that will bridge basic science—in terms of genetics, epigenetics, and environmental cues – and clinical manifestations and therapeutic avenues.

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### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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### Editor-in-Chief

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