

Special Issue

Down Syndrome: From Molecular Mechanisms to Therapeutic Strategies

Message from the Guest Editor

Down syndrome affects almost every organ system, and new information continues to come to light. Recent focuses on Down syndrome Regression Disorder (DSRD), increased rates of autism and Alzheimer's disease, cardiovascular health, and animal models continue to provide new insights into this common chromosome disorder. This Special Issue, Down syndrome: From Molecular Mechanisms to Therapeutic Strategies, will focus on understanding the mechanistic sequelae of Trisomy 21, the expanding phenotype, and advances in treatment/management of both physical and intellectual aspects of Down syndrome. Authors are invited to submit manuscripts regarding (but not limited to):

- Down Syndrome Regression Disorder;
- Alzheimer's in Down syndrome;
- Novel therapies/services;
- Use of technology to assist those with Down syndrome (for example, hypoglossal nerve stimulators);
- Mechanisms of associated malformations/ intellectual disability;
- Early predictors of autism in Down syndrome;
- Lessons from animal models;
- Prenatal studies of Down syndrome;
- Autoimmunity in Down syndrome.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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