

Special Issue

State-of-the-Art of Molecular Genetics and Genomics in the 21st Century

Message from the Guest Editor

The human genome project has changed how medicine and science impact our lives. Canada is one of the leading countries in genomic initiatives and applications in medicine, science, agriculture, and manufacturing. In the 3rd decade of the 21st century, Canadian researchers are creating a bold vision for a platform generating solutions to global challenges. Canadian molecular genetics and genomics network is built on ten provinces and three territories extending from the Atlantic to the Pacific Ocean, making it the world's second-greatest country by total area.

This Special Issue aims to provide a thorough overview of recent advances in molecular genetics and genomes in Canada by inviting contributions from Canadian research institutes/laboratories that consolidate our understanding of this area. International collaborative papers are warmly welcome. In addition, we invite contributions from Canadian and non-Canadian researchers, which may include original research articles, review articles, editorials, and communications that provide insight into any current and future aspect of molecular genetics and genomes in Canada.

Guest Editor

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closed (20 January 2025)



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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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