

Special Issue

Role of DNA Methylation Signatures in Genetic Disorders

Message from the Guest Editor

I am delighted to announce a new Special Issue of the *International Journal of Molecular Sciences*, entitled “Role of DNA Methylation Signatures in Genetic Disorders”. DNA methylation studies have rapidly advanced in identifying common methylation patterns shared by patients with the same genetic disorder, which clearly differ from those of healthy controls. These specific epismarkers are emerging as valuable tools to help confirm or refute the pathogenicity of genetic variants associated with a given phenotype. This Special Issue will focus on cohort-based analyses of patients with rare disorders, aiming to identify or validate disorder-specific DNA methylation signatures. Specifically, this Special Issue will focus on cardiovascular disorders (i.e., pulmonary arterial hypertension) and neurodevelopmental disorders (NDDs). We warmly invite the scientific community to contribute their research to this exciting and evolving field. However, since *IJMS* is a journal of molecular science, pure clinical studies will not be suitable for our journal.

Guest Editor

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About the Journal

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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