

Special Issue

Genetic Testing and Tailored Treatment for Thyroid Disorders: Molecular Basis and New Trends

Message from the Guest Editor

Thyroid diseases are a group of common endocrine disorders. Recent advances in genetic research have unveiled the complex genetic architecture of thyroid diseases, offering new insights into disease pathogenesis and opening new avenues for personalized medicine. This Special Issue focuses on the latest developments in the genetic basis and emerging therapeutic approaches for thyroid diseases. Genetic epidemiology: in-depth analysis of genetic variants and risk factors associated with various thyroid diseases;

Functional genomics: elucidation of the molecular mechanisms underlying thyroid disease-associated genetic variants;

Personalized medicine: development and implementation of individualized treatment strategies based on genetic information, including targeted therapies, gene therapy, and precision medicine;

Novel therapeutic targets: identification and validation of novel therapeutic targets for thyroid diseases, with a focus on druggable genes and pathways. This Special Issue seeks to offer a thorough understanding of the current state of knowledge in the field of thyroid disease genetics and encourage additional research in this rapidly advancing field.

Guest Editor

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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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