



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

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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