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Thyroid-Related Diseases: Molecular Pathology, Diagnosis and Treatment

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Message from the Guest Editors

Dear Colleagues,

Molecular testing is becoming increasingly important in thyroid pathology. Molecular tests can help to identify malignant neoplasms within the group of cytologically indeterminate thyroid nodules. They can detect specific mutations for thyroid cancer, such as BRAF and RET/PTC, and can help to reduce the number of unnecessary diagnostic surgeries. Therefore, molecular analyses can guide appropriate treatment for thyroid nodules, providing clinically valuable diagnostic information and aiding physicians in the management of indeterminate thyroid nodules.

In this context, this Special Issue aims to cover all sectors of research based on molecular characterization of thyroid nodules. It will include original research, review articles, and short communications on molecular mechanisms implied in thyroid pathology and their potential therapeutic implications.

This special issue is supervised by Maurizio Martini and assisted by our Topical Advisory Panel Member **Dr. Vincenzo Fiorentino (Fondazione Policlinico Universitario A. Gemelli IRCCS)**.

Dr. Maurizio Martini
Guest Editor



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Special Issue



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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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