

Special Issue

Preclinical and Translational Research in Thyroid Cancer

Message from the Guest Editors

Thyroid cancer is the most common endocrine malignancy, and its incidence is growing worldwide. Thyroid nodules include many types of cellular proliferation, from benign to intermediate and very aggressive forms. Studying the pathogenesis and molecular basis of thyroid nodule and tumor development is essential, particularly also considering sex and gender differences, and possibly leading to the identification of prognostic factors. In addition, nowadays the assessment of mutations and fusions is at the base of precision medicine in oncology, and molecular characterization of the tumor needs to be considered in the selection of treatment strategy.

This Special Issue aims to provide an overview of the current knowledge regarding thyroid carcinogenesis, including risk factors, sex and/or gender differences, prognostic factors, and genetic mutations/fusions, as well as the importance of molecular profiling in thyroid cancer treatment. The submission of original basic and translational research is very encouraged, but reviews will also be considered to provide readers with an up-to-date overview of molecular aspects of thyroid cancers.

Guest Editors

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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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