

## Special Issue

# New Biomarkers in Thyroid Cancer and Autoimmune Diseases

### Message from the Guest Editor

Thyroid cancer is a complex disease with multiple subtypes, each with a distinct set of driver mutations such as BRAF, TERT, p53, RET, and RAS. Identifying these mutations is crucial for accurate diagnosis, prognosis, and targeted therapy. Thyroid cancer exhibits intra-tumor heterogeneity, which can complicate genetic analysis and the interpretation of results. In addition to genetic mutations, epigenetic changes such as DNA methylation and histone modification can contribute to thyroid cancer development and progression. Despite significant progress in understanding the genetic basis of thyroid cancer, translating this knowledge into clinical practice remains a challenge. More research is needed to develop effective targeted therapies and improve patient outcomes. We invite research papers that will consolidate our understanding of the biology of thyroid cancer and how prolonged inflammation can impact cancerogenesis. The Special Issue will publish full research articles and comprehensive reviews on all aspects related to the theme of thyroid cancer and autoimmune diseases, including new biomarkers.

### Guest Editor

Dr. Karolina H. Czarnecka-Chrebelska  
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### Deadline for manuscript submissions

closed (31 October 2023)



## Biomedicines

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## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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