

Special Issue

Thyroid Nodule: Updates on the Molecular Mechanism and Diagnosis

Message from the Guest Editor

The Special Issue "Thyroid Nodule: Updates on the Molecular Mechanism and Diagnosis" focuses on the growing importance of characterizing thyroid nodules with maximum accuracy. The incidence of thyroid cancer is increasing rapidly worldwide, although its mortality rate remains flat. Thyroid nodules occur commonly in the general population, mostly as incidental findings at ultrasound evaluation, which is the first examination method used for neck imaging. However, although ultrasound is an established and very sensitive method for detecting thyroid nodules, and superior to clinical physical palpation, it has a relatively low diagnostic performance when it comes to differentiating between benign and malignant nodules. The purpose of this Special Issue is to analyze the molecular mechanisms underlying the formation of thyroid nodules and to take stock of the updates present in the most recent literature regarding a more precise instrumental diagnosis, combining new experiments.

Guest Editor

Dr. Emanuele David

Radiology Unit 1, Department of Medical Surgical Sciences and Advanced Technologies "GF Ingrassia", University Hospital "Policlinico G. Rodolico", University of Catania, 95123 Catania, Italy

Deadline for manuscript submissions

closed (31 December 2024)



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/166265

Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)





Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
biomedicines](https://mdpi.com/journal/biomedicines)



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.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPLus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).