

Special Issue

Genetics in Thyroid Cancer

Message from the Guest Editors

Thyroid cancer, the most common endocrine malignancy, presents a unique model among solid tumours due to its relatively simple genomic profile and diverse histological behaviour. The complex biology of thyroid cancer underscores the need for an integrative approach that connects molecular research with clinical decision-making. Preoperative molecular testing is increasingly used to guide surgical strategies and treatment intensity. Furthermore, novel therapies, including immunotherapy, redifferentiation therapeutic strategies and targeted therapies based on tumour genomic profiling, are available and still evolving to expand treatment options and improve patient outcomes. This Special Issue welcomes original research and reviews focused on the genetic and molecular basis of thyroid cancer. Topics of interest include genomic alterations, mutation-driven treatment approaches, biomarker development, and the clinical application of molecular diagnostics. Submissions offering new insights into the relationship between genetic changes and clinical behaviour in thyroid malignancies are especially encouraged. We look forward to your valuable contributions.

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Deadline for manuscript submissions

closed (15 April 2026)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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