

Special Issue

Diagnosis and Treatment of Thyroid Cancer in the Precision Medicine Era

Message from the Guest Editors

The latest guidelines of the American Thyroid Association regarding Differentiated (DTC), Medullary (MTC), and Anaplastic Thyroid Cancer (ATC) provide thorough recommendations regarding the appropriate therapeutic management of TC patients. Advanced forms of TC pose a challenge in clinical practice, and questions like when and where to use the available diagnostic tools and therapeutic options are of great importance to be answered towards precision medicine implementation. Tumor molecular profiling using Next Generation Sequencing analysis, both on the tissue as well as on the Circulating Tumor DNA and Circulating Tumor Cells level, is a tool providing information regarding prognosis and possible targeted-treatment options. We welcome original studies and reviews on the diagnosis, molecular pathways, and therapy of thyroid cancer. We especially welcome contributions focused on advanced TC, as described above, molecular pathways involved in TC pathogenesis and targeted treatment, and the clinical utility of molecular tools.

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