



Receptors, Transmitters and Signaling Pathways in Thyroid Disorders and Diabetes

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Message from the Guest Editors

The incidence of thyroid disease and diabetes has been rapidly increasing in recent decades. The cause of this phenomenon is not clearly established, and many aspects of the pathogenesis of these diseases remain unexplained. The need for an accurate explanation of the molecular basis of diseases such as thyroid cancer, autoimmune thyroid diseases, subacute thyroiditis, and type 1 diabetes mellitus is particularly significant. The abnormal structure or function of receptors, and disturbances in signaling pathways and transmitters involved in pathogenesis of the above-mentioned diseases, is of great importance. Knowledge of these issues can be exceptionally useful in the management of thyroid diseases and diabetes, because it can increase the accuracy of diagnosis and may be used to select patients at risk of the disease or at risk of its unfavorable, more severe course. The aim of this Special Issue is to provide new findings regarding the molecular background of thyroid disorders and diabetes, with special regard to receptors, transmitters, and signaling pathways, which are of key importance in pathogenesis and could improve the diagnosis and/or treatment options.





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Message from the Editor-in-Chief

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