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Molecular Biology of Parathyroid Tumors 2.0

Guest Editor:

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Deadline for manuscript submissions:
closed (31 January 2023)

Message from the Guest Editor

Parathyroid tumors are the second most common endocrine neoplasia. They are mainly benign lesions associated with parathormone (PTH) inappropriate secretion, determining the metabolic disorder known as primary hyperparathyroidism (PHPT). Parathyroid tumors are characterized by calcium-sensing receptor (CASR)-mediated reduced sensitivity to extracellular calcium. However, many aspects of the molecular biology of the parathyroid tumors need to be explored, such as the molecular pathways related to the genetic and epigenetic aberrations, and their effects on parathyroid cell proliferation and/or sensitivity to extracellular calcium, in order to provide targets for new therapeutic approaches, which are lacking.

Our Special Issue aims to widely explore the molecular and biological features of parathyroid tumorigenesis, focusing on genetic and epigenetic aspects, parathyroid cell proliferation and biology, tumor microenvironment, CASR-mediated sensitivity to extracellular calcium, deregulation of the PTH release, and the differences between the benign and malignant behavior of the parathyroid cells, considering original articles and review papers.

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Message from the Editor-in-Chief

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