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Molecular Biology of Parathyroid Tumors

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Deadline for manuscript submissions:
closed (31 December 2020)

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. Genetic and epigenetic alterations resulting in aberrant expression of protein-coding and non-coding genes have been identified in parathyroid tumors.

The 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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