

Special Issue

Primary Hyperparathyroidism: Mechanisms and Treatment

Message from the Guest Editors

Primary hyperparathyroidism (PHPT) is one of the most common endocrine disorders, characterized by hypercalcemia and elevated or unsuppressed levels of parathyroid hormone (PTH) due to dysfunction in one or more parathyroid glands. Historically, PHPT has often been associated with severe skeletal and renal complications, but milder forms of the disease, including asymptomatic and normocalcemic PHPT, have become more prevalent in recent years. This Special Issue will explore the metabolic mechanisms underlying PHPT, from calcium and bone metabolism to the clinical effects of surgical and medical interventions. By examining the metabolic pathways involved in PHPT and the metabolic outcomes of treatment strategies, we aim to provide insights into more personalized and effective management of this common endocrine disorder.

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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