

Special Issue

Pituitary Tumors: Molecular Insights, Diagnosis, and Targeted Therapy

Message from the Guest Editors

Pituitary tumors present a variety of hormonal activities and clinical features, from overt to subtle. Functioning pituitary tumors are defined by the autonomous/dysregulated secretion of pituitary hormones. Hormones produced from pituitary tumors sometimes induce severe complications such as hypertension, hyperglycemia, osteoporosis, infections, atherosclerosis, and mental disorders. The pathophysiological characteristics of hormone production and pituitary adenoma cells should be elucidated. In addition, the usefulness and accuracy of the recent diagnostic criteria of pituitary tumors also need to be evaluated. The primary treatment for some types of pituitary tumors may be surgical excision of the adenoma from the pituitary; however, curative surgery is still challenging, and additional therapies are required to treat the resulting hypersecretion of hormones and tumor growth. This Special Issue will include original basic/translational/clinical research articles and reviews on aspects related to the pathophysiology, diagnosis, and potential treatment of pituitary tumors.

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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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