



## Recent Advances in the Pathogenesis and Therapeutic Strategies of Pituitary Tumors

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### Message from the Guest Editors

Pituitary tumors, the third most common intracranial neoplasia, are mostly benign and well-differentiated; however, a sizable proportion of them (up to 45%) may show an invasive behaviour, resistance to conventional treatments, and a predisposition to progression/recurrence and malignancy. About 10% of invasive adenomas are "clinically aggressive", but only in exceptional cases (0.2%) do they metastasize, fulfilling the criteria for "carcinoma."

Understanding the pathogenesis of pituitary adenomas will enable clinicians to correlate the pathologic and genetic features with clinical data, helping make decisions on the best management of these tumours. In this Special Issue, we will publish reviews and original research that provide new insights into signalling pathways and biomarkers driving pituitary tumorigenesis, diagnosis, and therapeutic perspectives. Articles about aggressive pituitary tumours will be particularly welcome.





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