



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

Guest Editors:

**Prof. Dr. Andrea Lania**

1. Department of Biomedical Sciences, Humanitas University, Rozzano (MI), Italy
2. Endocrine Unit, Humanitas Clinical and Research Center, Rozzano, MI, Italy

**Dr. Giampaolo Trivellin**

1. Department of Biomedical Sciences, Humanitas University, Rozzano, MI, Italy
2. Endocrine Unit, Humanitas Clinical and Research Center, Rozzano, MI, Italy

Deadline for manuscript submissions:

**closed (30 September 2021)**

### 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.





an Open Access Journal by MDPI

## Editors-in-Chief

**Prof. Dr. Emmanuel Andrès**

Internal Medicine Department,  
University Hospital Strasbourg,  
67000 Strasbourg, France

**Prof. Dr. Kent Doi**

Department of Emergency and  
Critical Care Medicine, University  
of Tokyo, Tokyo 113-8655, Japan

## Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's (JCM)* staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

## Contact Us

---

*Journal of Clinical Medicine* Editorial  
Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jcm](http://mdpi.com/journal/jcm)  
[jcm@mdpi.com](mailto:jcm@mdpi.com)  
[X@JCM\\_MDPI](https://twitter.com/JCM_MDPI)