

Special Issue

Chromatin Remodelers as Players and Drivers in Pathological States

Message from the Guest Editor

Indeed, it is known that proteins such as INO80, CHD7, or RSF1 participate in the regulation of oncogenes at different levels, mainly through the recruitment of other mediators and, therefore, their overexpression in different human tissues. On the other hand, some of them are considered tumor suppressors, since they bypass DNA damage or stimulate damage repair. Of note, SMARCA1 from the same SNF2 family was recently characterized as a dual agent in cancer cells, underscoring its multipurpose and critical involvement in maintaining genome stability and regulating the cell cycle.

The lack of sufficient structural and functional data and information at the cellular level impedes our understanding of their mechanistic effects on the development of this pathology.

This Special Issue aims to broaden current knowledge on this topic and constitutes an opportunity to gather the latest results obtained by experts in the field, which could potentially aid the design of new diagnostic and therapeutic tools.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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