



Non-Coding RNA and Brain Tumors

Guest Editor:

Dr. Agnieszka M. Bronisz

Tumor Microenvironment
Laboratory, Mossakowski Medical
Research Institute, Polish
Academy of Sciences, 02-106
Warsaw, Poland

Deadline for manuscript
submissions:

closed (1 December 2018)

Message from the Guest Editor

Brain tumors, as other cancers, are complex genetic diseases involving expressional abnormalities of both protein-coding and non-coding genes. Considering that protein-coding genes constitute only small fraction of human genome, researchers increasingly switched their focus toward non-protein-coding transcriptome that may provide vast panoply of targets for anti-cancer therapy.

In fact, Non-coding RNA (ncRNA) is much more than the mundane messenger between DNA and the protein—it springs up into multiple species (including long non-coding RNAs (lncRNAs), microRNAs or circular RNAs (circRNAs)). Differences between cells during normal development and pathogenesis are in many cases due to differences in when, where and how genes are turned on or off.

It is believed that ncRNAs play enormous role in these processes by facilitating or impeding transcription, translation and activity of protein-coding genes and their products.

We invite experts in the field of brain tumor to present their point of view on various aspects of ncRNA function, regulation and therapeutic advances.

For further reading, please visit the [*Special Issue website*](#):





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. George A. Calin

Department of Translational
Molecular Pathology, Center for
RNA Interference and Non-
Coding RNAs, University of Texas
MD Anderson Cancer Center,
Houston, TX 77030, USA

Message from the Editor-in-Chief

This field finally has a dedicated journal where its broad community can communicate and exchange its latest findings in one centralized place. This field was built stone by stone from the many scientific contributions from extremely diverse horizons, studying gene silencing in plants, position effect variegation in drosophila or quelling in fungi. This field has achieved maturity, but a lot remains to be discovered! Our aim is to publish manuscripts from all horizons that will have a high impact on the development of the field. Let's have fun and wish *Non-Coding RNA* a long and rewarding life!

Author Benefits

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

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

Journal Rank: CiteScore - Q1 (*Genetics*)

Contact Us

Non-Coding RNA Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ncrna
ncRNA@mdpi.com
[X@Non_Coding_RNA](https://twitter.com/Non_Coding_RNA)