non-coding RNA

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# Non-Coding RNA and Brain Tumors

Guest Editor:

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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*:

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## 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

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