

## Special Issue

# Non-coding RNAs in Biology of Viruses

### Message from the Guest Editor

The importance of non-coding RNA in diverse fields of biology has risen exponentially in the past decade. Viruses are well known for their capacity to hijack cellular pathways and can either express their own long and small ncRNAs to regulate host gene expression or use cellular ncRNAs to confer them an advantage in a tissue-specific manner. Conversely, the infected organism can respond to the infection and fight against the invading pathogen using regulatory RNAs. This dual-mode of interaction is at the heart of the study of the role of ncRNA in host-virus interaction, and we have now started to gain a good understanding of the molecular mechanisms at play. This Special Issue is focused on recent developments in the role and regulation of non-coding RNAs in the biology of virus infection. A full understanding of these aspects will further our knowledge of the biology of viruses and could pave the way toward novel therapeutic approaches. We are looking forward to receiving your contributions for this Special Issue.

### Guest Editor

Dr. Sébastien Pfeffer

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### Deadline for manuscript submissions

closed (31 March 2021)



## Non-Coding RNA

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## About the Journal

### 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!

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### Editor-in-Chief

Prof. Dr. George A. Calin

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