

Special Issue

Non-Coding RNA and the Immune System

Message from the Guest Editor

Mammalian genomes are characterised by high prevalence of non-coding RNA (ncRNA) transcripts when compared to other species. It has been proposed that this correlates with the increased complexity of mammals. Undoubtedly, the mammalian immune system is a major contributor to this complexity. This Special Issue will aim to capture and showcase diverse aspects of our current understanding of how ncRNAs underpin complexity of the mammalian immune system. Manuscripts on the following topics will be welcome:

- ncRNAs in immune development, differentiation, and lineage plasticity, maintenance, and commitment
- ncRNAs in infection, immunity, and host–pathogen interactions
- ncRNAs in chronic inflammation, resolution, and fibrosis
- Shaping immune transcriptomes through RNA–binding protein/ncRNA interactions
- Infection exposure as a driver of lncRNA evolution in immune cells

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

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2019)



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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!

Editor-in-Chief

Prof. Dr. George A. Calin

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