Special Issue

Evolution of Regulatory ncRNAs and ncRNA Genes

Message from the Guest Editor

Nearly 40 years after the discovery that ncRNAs can regulate gene expression, there is still excitement about these RNAs. However, we still have only a partial understanding of ncRNAs and their genes. Much needs to be learned about their structure, function, and means of origination. In terms of evolution, we know how some ncRNA genes originated, e.g., by gene duplication or de novo, originating from a non-genic genome region, but there are few examples, and future research may uncover new processes in the birth of ncRNA genes and ncRNAs. This Special Issue is focused on evolutionary origins and evolutionary development and includes four major classes of ncRNA genes and ncRNAs: IncRNA genes, miRNA genes, circular RNAs, and piRNAs. We are pleased to invite investigators to contribute original research or review articles that concern the evolution of ncRNAs and ncRNA genes.

Guest Editor

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Deadline for manuscript submissions

closed (20 September 2025)



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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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