



## Non-coding RNA in Germany: Latest Advances and Perspectives

Guest Editors:

**Prof. Dr. Tony Gutschner**

Medical Faculty, Martin-Luther-  
University Halle-Wittenberg,  
Charles Tanford Protein Centre,  
Halle (Saale), Germany

**Dr. Holger Bierhoff**

Friedrich Schiller University Jena,  
Institute of Biochemistry and  
Biophysics, Jena, Germany

Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to present a series of articles (both reviews and original research) from experts in non-coding RNA research across Germany. We invite the submission of articles that highlight the history and deepen our current understanding of the role of non-coding RNAs (both small and long) in multiple disciplines and organisms ranging from bacteria to plant and human cells. Potential topics include, but are not limited to, the role of non-coding RNAs (ncRNAs) in:

- aging and senescence;
- cell fate decision and differentiation;
- cell communication and signaling;
- cell growth, proliferation, and death;
- cell movement and motility;
- cell and tissue development;
- diseases (e.g., cardiovascular diseases, cancers, neurodegenerative diseases); and
- immune cell function and immune escape.

In addition, we invite the submission of manuscripts discussing state-of-the-art ncRNA technologies and developments in ncRNA diagnostics and therapeutics.

Prof. Dr. Tony Gutschner

Dr. Holger Bierhoff

*Guest Editors*





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:** JCR - Q2 (Genetics and Heredity) / CiteScore - Q1 (Genetics)

## Contact Us

*Non-Coding RNA* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/ncrna](http://mdpi.com/journal/ncrna)  
[ncRNA@mdpi.com](mailto:ncRNA@mdpi.com)  
[X@Non\\_Coding\\_RNA](https://twitter.com/Non_Coding_RNA)