Special Issue

Non-coding RNAs: Multiple Players in Human Diseases

Message from the Guest Editor

Non-coding RNAs (ncRNAs) are a class of RNA molecules that are biologically functional but not translatable into a protein. The ncRNA field has witnessed rapid growth, identifying several new classes of ncRNAs with the application of next-generation sequencing technologies. Although the approximate number of ncRNAs encoded within the mammalian genome has not been determined precisely, recent transcriptomic and bioinformatic studies predict the existence of a large quantity of ncRNAs in the human genome.

A previous Special Issue in Cells, entitled “Non-coding RNAs: Epigenetic Players Implicated in Human Diseases”, was very successful, and comprises eight papers and reviews concerning various aspects of neuropsychiatric diseases. However, ncRNA is a broad and hot research field. It is difficult to cover it in one Special Issue. Therefore, we aim to work towards creating an additional Special Issue on this topic.

We invite investigators in the field of ncRNAs and ncRNAs-mediated diseases, to contribute original research articles as well as review articles.

Guest Editor

Dr. Yujing Li

Department of Human Genetics, Emory University School of Medicine, Atlanta, GA 30322, USA

Deadline for manuscript submissions

closed (15 August 2024)

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).