non-coding RNA

IMPACT FACTOR 3.0

Indexed in: PubMed

CITESCORE 7.4

an Open Access Journal by MDPI

CRISPR/Cas Technology Applied to the Study of Non-coding RNAs in Human Disease

Guest Editors:

Prof. Dr. Pier Paolo Pandolfi
1. Department of Molecular Biotechnologies & Health Sciences, Molecular Biotechnology Center, University of Turin, Turin, Italy
2. Renown Institute for Cancer, Nevada System of Higher Education, Reno, NV, USA

Dr. Laura Poliseno
Oncogenomics Unit, Institute of Clinical Physiology (IFC), National Research Council (CNR), and Core Research Laboratory (CRL), Istituto per lo Studio, la Prevenzione e la Rete Oncologica (ISPRO), 56124 Pisa, Italy

Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editors

Dear Colleague,

Originally used by bacteria to protect themselves against viruses, CRISPR/Cas system-based editing of DNA and RNA has been adapted to a wide variety of purposes. This Special Issue will collect original research articles and communications in which CRISPR/Cas technology is used in cancer:

1. To study the biological role played by non-coding RNAs, through the modulation of their expression at the genomic, transcriptional, or post-transcriptional level; through the identification of RNA and protein species directly bound to them; or through their visualization and tracking inside cancer cells.
2. To target the non-coding RNAs for therapeutic purposes.

Submissions describing in vivo data obtained in animal models are strongly encouraged.

This Special Issue will also include concept articles in which, rather than giving an overview of the literature, authors provide insights and explain ideas that can contribute to stimulate discussion and move the field forward.

Prof. Dr. Pier Paolo Pandolfi
Dr. Laura Poliseno
Guest Editors

mdpi.com/si/69197

Special Issue

non-coding RNA

IMPACT FACTOR 3.0 | Indexed in: PubMed | CITESCORE 7.4

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

mdpi.com/journal/ncrna
ncRNA@mdpi.com
𝕏@Non_Coding_RNA