non-coding RNA

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The Importance of Non-coding RNAs in Epithelial Cancers

Guest Editor:

Dr. Leandro Castellano
School of Life Sciences, University of Sussex, JMS Building, Brighton BN1 9QG, UK

Deadline for manuscript submissions:
closed (15 October 2023)

Message from the Guest Editor

Dear Colleagues,

It is becoming clear that non-coding RNAs (ncRNAs) are not simply bioproducts obtained by random transcriptional activity, but play an essential role in health and disease. In contrast to messenger RNAs (mRNAs), ncRNAs are characterized by the absence of a productive open reading frame; therefore, it is the RNA itself that regulates gene expression at either transcriptional or post-transcriptional levels. Growing experimental evidence shows that various classes of ncRNAs play an important role in epithelial cancer initiation and progression, acting either as tumor suppressors or oncogenes. Aberrant expression of ncRNAs has been linked to all stages of cancer development, from its initiation to tumorigenesis and cancer proliferation as well as invasion and metastasis. Furthermore, it has been shown that these molecules have the potential to be therapeutically targeted and have both prognostic and diagnostic potential. For this Special Issue, we cordially invite experts in the field of ncRNAs and cancer to provide their current vision of the role of ncRNA molecules in epithelial cancer and their possible use as cancer biomarkers.

Dr. Leandro Castellano
Guest Editor

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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!

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

Tel: +41 61 683 77 34
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ncRNA@mdpi.com
𝕏@Non_Coding_RNA