

Special Issue

Non-coding RNAs in Pathogen-Host Interaction

Message from the Guest Editor

Expression of numerous ncRNAs is tissue- and cell type- specific and is dysregulated in diseases, suggesting that those ncRNAs affect normal developmental programs and pathological processes.

Currently, the tragic coronavirus pandemic is influencing our daily life and so research endeavours are urgently needed. Accordingly, we will focus on pathogen-host interaction in this special issue. In regard to an ncRNA's biological role and molecular function, some ncRNA classes have been extensively studied. Best examples are miRNAs in post-transcriptional regulation and nuclear lncRNAs in epigenetic control. However, a significant fraction of ncRNAs, especially recently discovered ones, have not been examined in sufficient depth. Thus, we will give priority to those underrated ncRNAs although well-studied ncRNA classes will be also welcomed.

Collectively, we will recruit manuscripts on ncRNAs in pathogen-host interaction. This topic includes (but is not limited to) host- or virally-encoded ncRNAs that play a role in host immunity, viral replication, and associated host disorders such as infectious diseases and cancer. We look forward to novel and fascinating research outcomes.

Guest Editor

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