



frontiers
Research Topics

**RNA Regulation in
Development and
Disease**

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Post-transcriptional regulation of gene expression via mRNA splicing, editing, decay, transport and translation determine changes in RNA abundance, localization and function in response to physiological and environmental cues. This Research Topic will highlight the key role of RNA regulation in normal cell function and organism physiology by gathering the most recent and relevant discoveries on 1) RNA regulation during organismal development; 2) RNA dysregulation during pathological conditions, such as cancer, infections, developmental defects and neurological disorders; 3) development of state-of-the-art experimental and analytical tools to investigate the mechanisms of RNA regulation in healthy and diseased states. We welcome original research, reviews, mini-reviews, opinions, methods, and hypotheses and theory submissions.

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