

Special Issue

Advances in circRNA Biology

Message from the Guest Editor

Circular RNAs (circRNAs) are a new RNA type, deriving from back-splicing. circRNAs have raised researchers' interest due to their widespread expression and multifaceted role. More specifically, they can act as microRNA sponges, protein sponges or scaffolds, and encode for peptides. Additionally, they play regulatory roles in several cellular processes, including signaling and alternative splicing, both in physiological and pathological states. In particular, their expression has been associated with several aspects of cell life, for instance proliferation and migration, while several studies highlight their value as cancer biomarkers and therapeutic targets.

This Special Issue focuses on the information of the readers regarding the biogenesis and action mechanisms, targets and clinical utility of circRNAs in human physiological and pathological states, with emphasis on cancer, neurodegenerative, cardiovascular and other diseases. The authors are encouraged to submit their original research studies concerning this topic. Review articles will also be taken into consideration.

Guest Editor

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