Special Issue

Mechanisms of miRNA Metabolism and Extracellular Transport

Message from the Guest Editor

The gene regulatory role of microRNAs (miRNAs) in metazoan cells is becoming increasingly interesting with the discovery of new ways that these tiny regulators are controlled in diverse human cell types by RNA binders, metabolites, and other cellular and extracellular factors. Intercellular communication of miRNAs via extracellular vesicles ensures the exchange of epigenetic signals across cell boundaries, which has implications for gene expression homeostasis—a process that is jeopardized in diseases. Active research on various aspects of miRNA is revealing how the regulation of miRNAs is connected to human physiology. However, new challenges require the development of new research tools to address persistent questions that remain unanswered about miRNAs and their downstream effectors.

Guest Editor

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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