



Role of microRNAs and Alarmins in Aging and Age-Related Diseases

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Message from the Guest Editors

Aging and different age-related diseases, such as cardiovascular disease, cancer, degenerative disorders, are characterized by a common feature, that is, an increase in oxidative stress and inflammation. This elicits different epigenetic changes, including the modulation of microRNAs.

Recently, microRNAs have been shown to be critical regulators of development, physiology, pathology and to be possible therapeutic targets. Besides microRNAs, alarmins, a class of proteins/peptides released in the extracellular space, play a major role as regulators of inflammation.

We invite investigators to contribute original research articles as well as review articles that address the molecular mechanisms and the current standing and progress in the area of microRNAs in oxidative stress and inflammation, with regard to aging and age-related diseases.





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