



Remodeling of Mitochondria in Cancer and Other Diseases 2.0

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Message from the Guest Editor

Mitochondria are highly dynamic and responsive organelles that are capable of undergoing fission and fusion and are the hub for diverse signal processors, which are fundamental to cellular homeostasis, energy production, metabolism, survival, and death. Mitochondrial remodeling, including rearranging, recycling, and reprogramming, is essential for mitochondrial quality control, structural integrity, and functional interaction with other cellular organelles. Although we are still far from fully understanding the complexity of mitochondrial remodeling in its physiological and pathophysiological significance, this process has been, nonetheless, implicated in the pathogenesis of many human disorders, including cancer and aging-related diseases. This Special Issue aims to increase our understanding of the role, regulation, and impact of mitochondrial remodeling in disease-specific pathology and possibly translate these findings into therapeutics, from basic research to the clinic.





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Message from the Editor-in-Chief

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