



## Abnormal Regulation of Cellular Actions of Cardiovascular Factors

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### Message from the Guest Editor

Cardiovascular peptides exert regulatory effects on the water–electrolyte balance, metabolism and neural processes, and can indirectly tune the upregulation of the cardiovascular system. To date, attention has mainly been dedicated to the cardiovascular effects of angiotensin, vasopressin, and oxytocin; however, growing evidence is uncovering similar regulatory properties for several other peptide molecules. Experimental and clinical studies show that the action of the cardiovascular peptides may be altered under pathological conditions; however, the molecular mechanisms underlying these abnormalities are not satisfactorily elucidated. The main aim of the present Special Issue is to advance the knowledge of mechanisms modulating the cellular action of the cardiovascular peptides in various cells and tissues during physiological and pathological challenges.





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