

Special Issue

Advances in the Renin-Angiotensin System

Message from the Guest Editor

The renin–angiotensin system (RAS) plays a crucial role in the regulation of blood pressure, sodium handling, volume balance and in organ damage during its inappropriate activation. RAS overactivation directly contributes to the establishment of hypertension and cardiovascular diseases. However, recent evidence demonstrates an important role of RAS in metabolic disorders, diabetic disease, compensatory alterations in pregnancy, neurodegenerative disorders, among others. The study of the physiology and pathophysiology of RAS could bring new insights that enable a better comprehension of the mechanisms responsible for its regulation and interactions with signaling pathways, all of which may allow the development of new pharmacological targets.

Guest Editor

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