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Columns: Review

Ocular renin-angiotensin system with special reference in the anterior part of the eye

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Abstract

The renin-angiotensin system (RAS) regulates blood pressure (BP) homeostasis, systemic fluid volume and electrolyte balance. The RAS cascade includes ³over twenty peptidases, close to twenty angiotensin peptides and at least six receptors. Out of these, angiotensin II, angiotensin converting enzyme 1 and angiotensin II type 1 receptor (AngII-ACE1-AT1R) together with angiotensin (1-7), angiotensin converting enzyme 2 and Mas receptor ³(Ang(1-7)-ACE2-MasR) are regarded as the main components of RAS. In addition to

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