## **Brief Report**

## Role of Angiotensin (1-7) in Neuronal Norepinephrine Reuptake in Hypertension

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We have previously demonstrated that angiotensin (Ang)- (1-7) decreases the release and synthesis of norepinephrine (NE) in spontaneously hypertensive rats (SHR). In the present study, we have investigated the effect of Ang-(1-7) on neuronal NE reuptake and the expression of NE transporter (NET), responsible for eliminating NE from the synaptic cleft. Although Ang-(1-7) does not have an acute effect on NE neuronal reuptake, it plays a role in stimulating the protein content of the NET in the long-term. Ang-(1-7) activates Mas receptor and stimulates protein synthesis de novo of the transporter. In this way, Ang-(1-7) would contribute to blood pressure control through the regulation of NE levels in the synaptic cleft.

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