**Figure S1**

Schematic presentation of the RAS and its associated systems components and summary of the reported changes in serum levels of major components after pharmacological or dietary intervention.

**A.** Vasoactive peptides, catalytic enzymes and receptors are depicted in the RAS and its associated systems, together with target points of two antihypertensive drugs, ACE inhibitor and angiotensin receptor blocker (ARB). **B.** The directions of changes — increase (↑), decrease (↓), equivocal or unchanged (±) — in serum levels of major components are summarized according to the studies previously reported in the rats. N/A: the corresponding data not available. Abbreviations: Kng, kininogen; BK, bradykinin; Bdkrb1, bradykinin receptor B1; Bdkrb2, bradykinin receptor B2; Agtr1, angiotensin II receptor, type 1; Agtr2, angiotensin II receptor, type 2; Cma1, chymase; Cyp11b2, aldosterone synthase; Aldo, aldosterone; Nr3c2, mineralocorticoid receptor.
A

Intervention | Agt  | Ren  | Ace  | Ang II | Aldo  | BK
---|---|---|---|---|---|---
ACE Inhibitor | ↑ | ↑ | target compounds | ↓ ± (after 24h) | ↑ | ↑
ARB | ↑ | ↑ | ↓ | ↑ | ↓ followed by ↑ | ↑
Thiazide | N/A | ↑ | ± | N/A | N/A | N/A
NaCl Loading | ↑ | ↓ | ↓ | ↑ | ↓ | ↑
High Lipid Diet | ↑ | ± or ↑ | ± | ± | ± | N/A

B

Fig. S1