ONLINE SUPPLEMENT

EXTRACELLULAR 2',3'-cAMP IS A POTENT INHIBITOR OF PREGLOMERULAR VASCULAR SMOOTH MUSCLE CELL AND MESANGIAL CELL GROWTH

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Short Title: 2',3'-cAMP Inhibits Cell Growth

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Figure S1

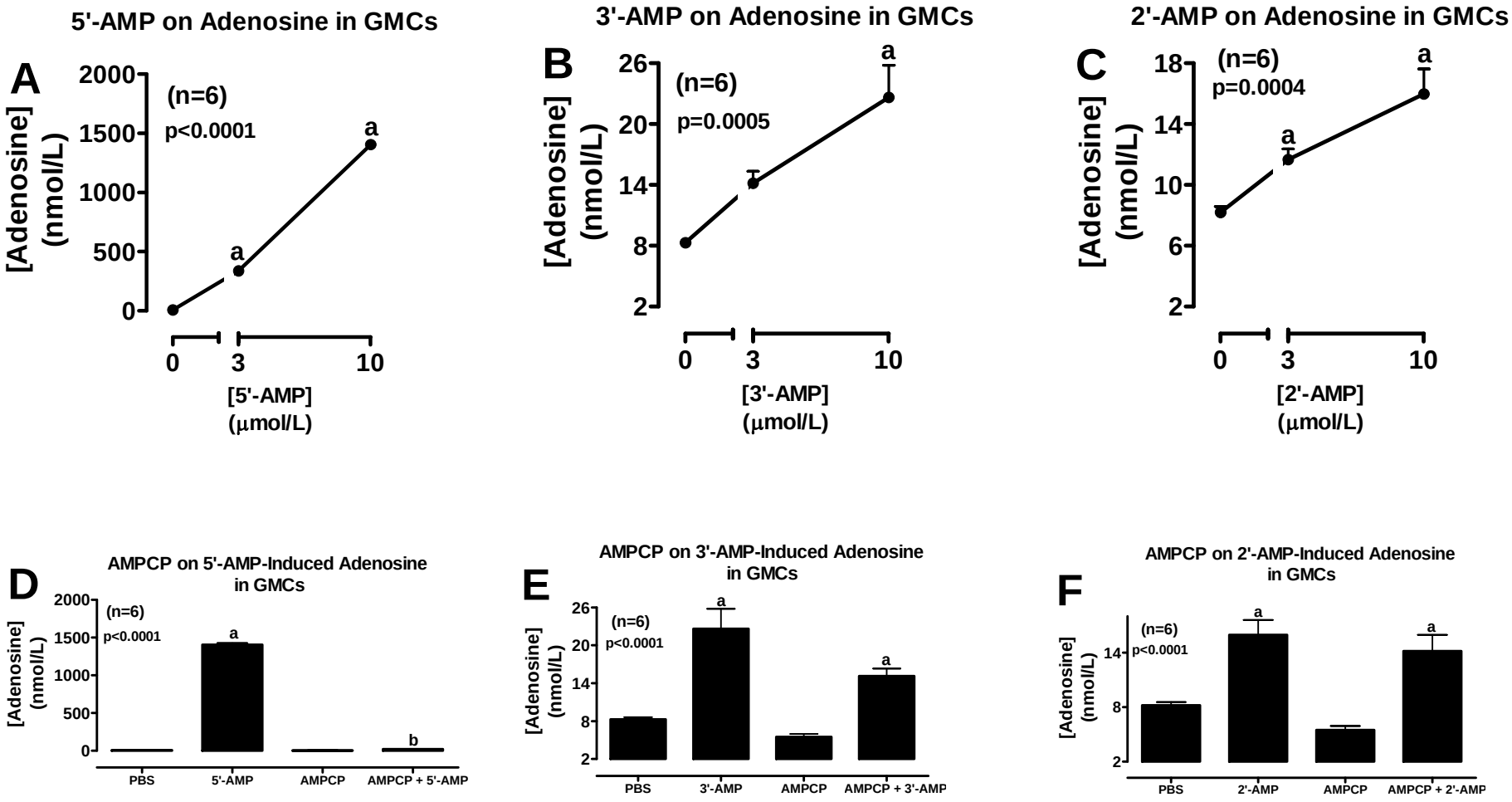

Figure S1. Line graphs show the concentration-dependent effects of 5'-AMP (A), 3'-AMP (B) and 2'-AMP (C) on extracellular levels of adenosine in GMCs. Bar graphs show the effects of AMPCP (1 mmol/L) on extracellular adenosine levels derived from 5'-AMP (D), 3'-AMP (E) and 2'-AMP (F). Values represent means ± SEM for the indicated number of experiments (n). [a]$p<0.05$, compared with basal (0 or PBS) value; [b]$p<0.05$, compared with the corresponding AMP in the absence of inhibitor. P-values in panels are from 1-factor analysis of variance.

Figure S2

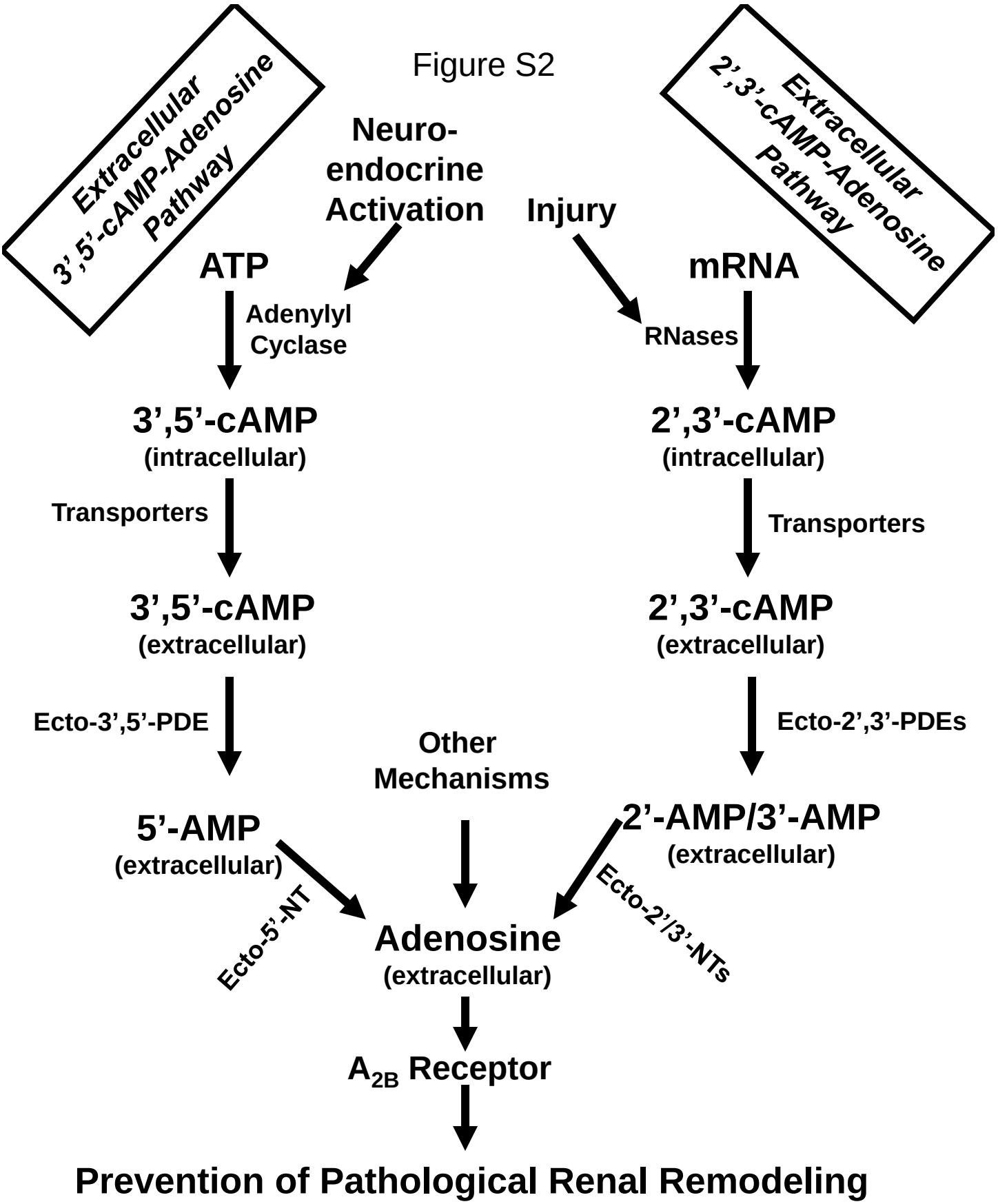

Figure S2: Schematic diagram of the extracellular 3',5'-cAMP-adenosine and 2',3'-cAMP-adenosine pathways. PDE, phosphodiesterase; NT, nucleotidase.