

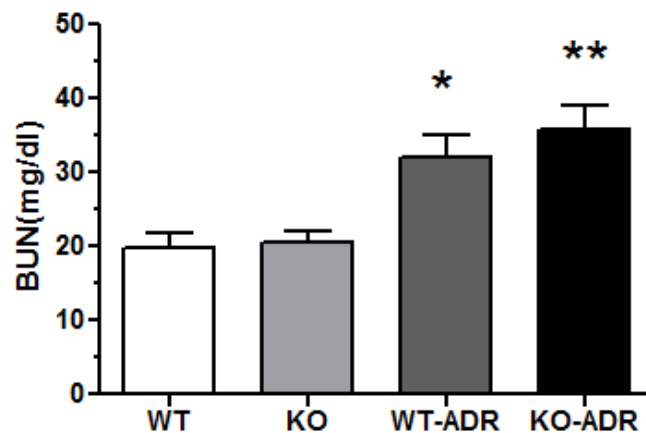
Supplementary Figures

Role of C/EBP- α in Adriamycin-induced podocyte injury

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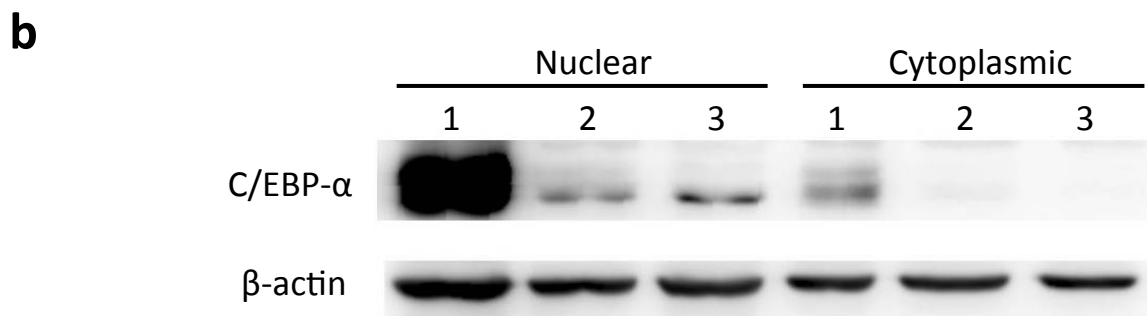
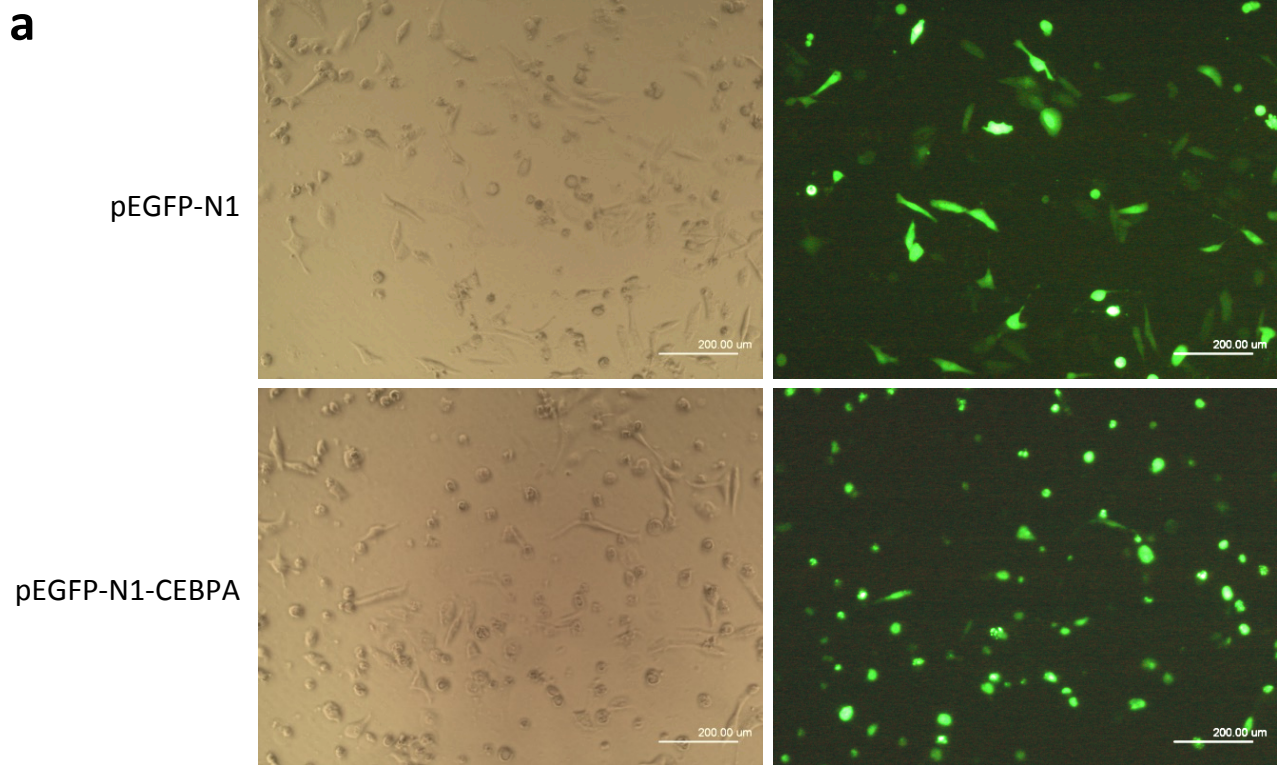
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Supplementary Figure 1: Decreasing renal function in WT-ADR and KO-ADR mice

Renal function of mice in each group were assessed using the blood urea nitrogen (BUN) analysis on serum samples obtained 4 weeks post injection of vehicle or ADR (n = 6, *p <0.05, **p <0.01 vs WT and KO).



Supplementary Figure 2: Expression of C/EBP- α in human podocytes

(A) 70-80% of enhanced green fluorescent protein (EGFP) expression was confirmed with phase contrast bright-field (left panels) and epi-fluorescence (right panels) microscopy in podocytes transfected with either pEGFP-N1-CEBPA plasmid (Top) or with pEGFP-N1 control plasmid (Bottom). (B) Confirmation of C/EBP- α expression in nucleus and cytoplasm fractions of transfected podocytes by western blot analysis. Analysis of nuclear and cytoplasmic fractions of podocytes expressing C/EBP α -EGFP (1), EGFP (2), or untransfected (3) are shown. β -actin was used as a loading control.

Supplementary Table 1: Primer sequences for real-time PCR

Gene	Forward	Reverse
<i>CEBPA1F (Xho I)</i>	5'-ATCATCCTCGAGATGGAGTCGGCCGACTT-CTACGAGG-3'	5'-ATCATCGGATCCCGCGCGCAGTTGCCCATG-GCCTTGC-3'
<i>Gapdh</i>	5'-AGCACCAGACCACAGGTGA-3'	5'-GAGGGTGTCGTAGGTGATGC-3'
<i>Cebp-a</i>	5'-TGGCCTGGAGACGCA ATGA-3'	5'-CGCAGAGATTGTGCGTCTTT-3'
<i>Nphs1</i>	5'-GTGCCCTGAAGGACCCTACT-3'	5'-CCTGTGGATCCCTTTGACAT-3'
<i>Nphs2</i>	5'-CTTGGCACATCGATCCCTCA-3'	5'-CGCACTTTGGCCTGTCTTTG-3'
<i>Wt1</i>	5'-GAGAGCCAGCCTACCATCC-3'	5'-GGGTCCTCGTGTTTGAAGGAA-3'
<i>GAPDH</i>	5'-CAGGGCTGCTTTTAACTCTGGTAA-3'	5'-GGGTGGAATCATATTGGAACATGT-3'
<i>MCP-1</i>	5'-CAGCCAGATGCAATCAATGC-3'	5'-GTGGTCCATGGAATCCTGAA-3'
<i>IL-6</i>	5'-GCACCTCAGATTGTTGTTG-3'	5'-AAATAGTGCCTAACGCTCATAC-3'