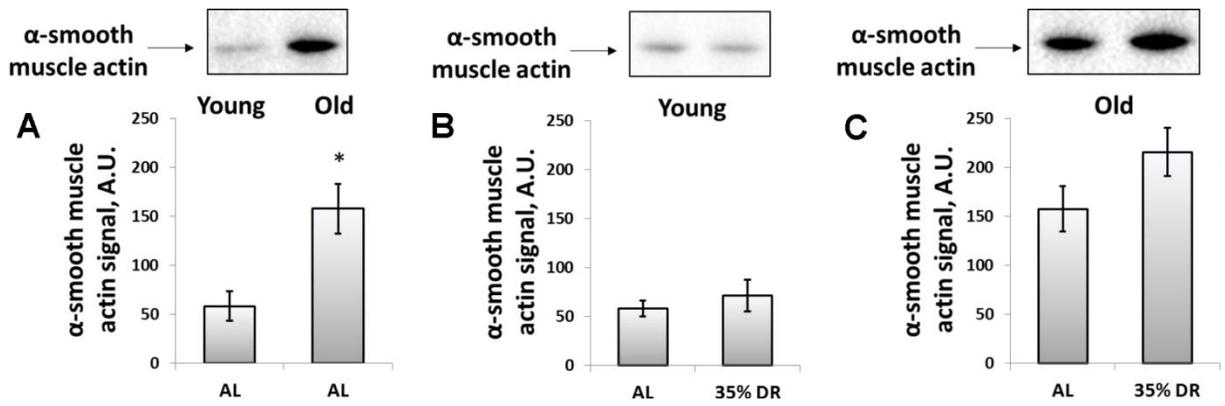
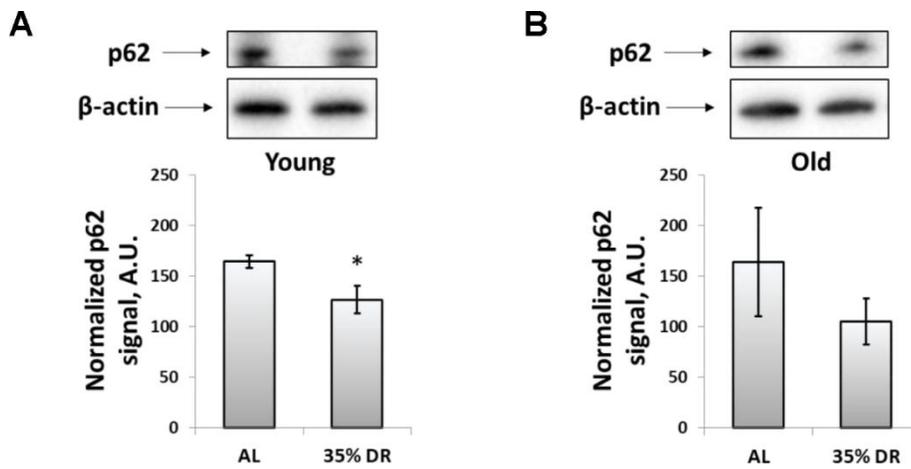


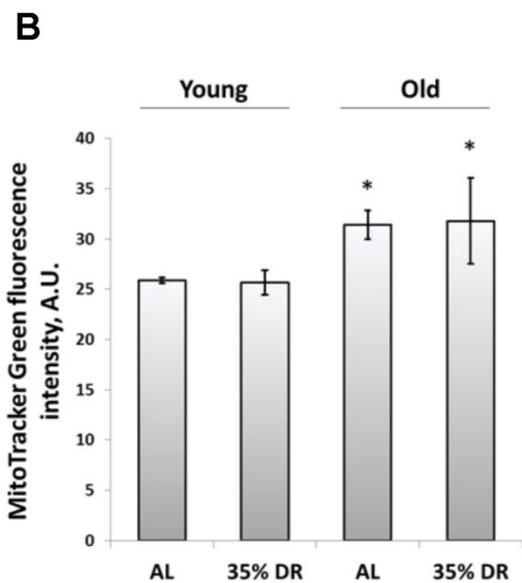
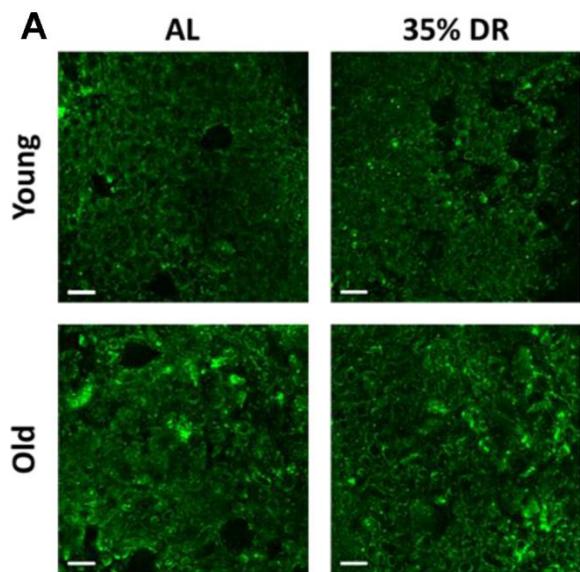
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Fibrosis in kidney tissue. (A) The comparison of α-smooth muscle actin levels in young and old rats; (B) Levels of α-smooth muscle actin in kidney tissue of young rats on AL or 35% DR diet; (C) Levels of α-smooth muscle actin in kidney tissue of old rats on AL or 35% DR diet. *p < 0.05 compared to young AL-group. For young AL rats n=5, for young DR rats n=6, for old AL rats n=6, for old DR rats n=5. AL, ad libitum, DR, dietary restriction.



Supplementary Figure 2. The content of p62/SQSTM1 in kidney homogenates. (A) Level of p62/SQSTM1 in kidney tissue of young rats on AL or 35% DR diet; (B) Level of p62/SQSTM1 in kidney tissue of old rats on AL or 35% DR diet. *p < 0.05 compared to young AL-group. For young AL rats n=5, for young DR rats n=6, for old AL rats n=6, for old DR rats n=5. AL, ad libitum, DR, dietary restriction.



Supplementary Figure 3. Evaluation of MitoTracker Green staining. (A) Confocal microscopy of vital kidney slices loaded with mitochondrial dye MitoTracker Green. Scale bar, 100 μ m; (B) Quantification of mean MitoTracker Green fluorescence intensity. * $p < 0.05$ compared to young AL-group. For young AL rats $n=5$, for young DR rats $n=6$, for old AL rats $n=6$, for old DR rats $n=5$. AL, ad libitum, DR, dietary restriction.