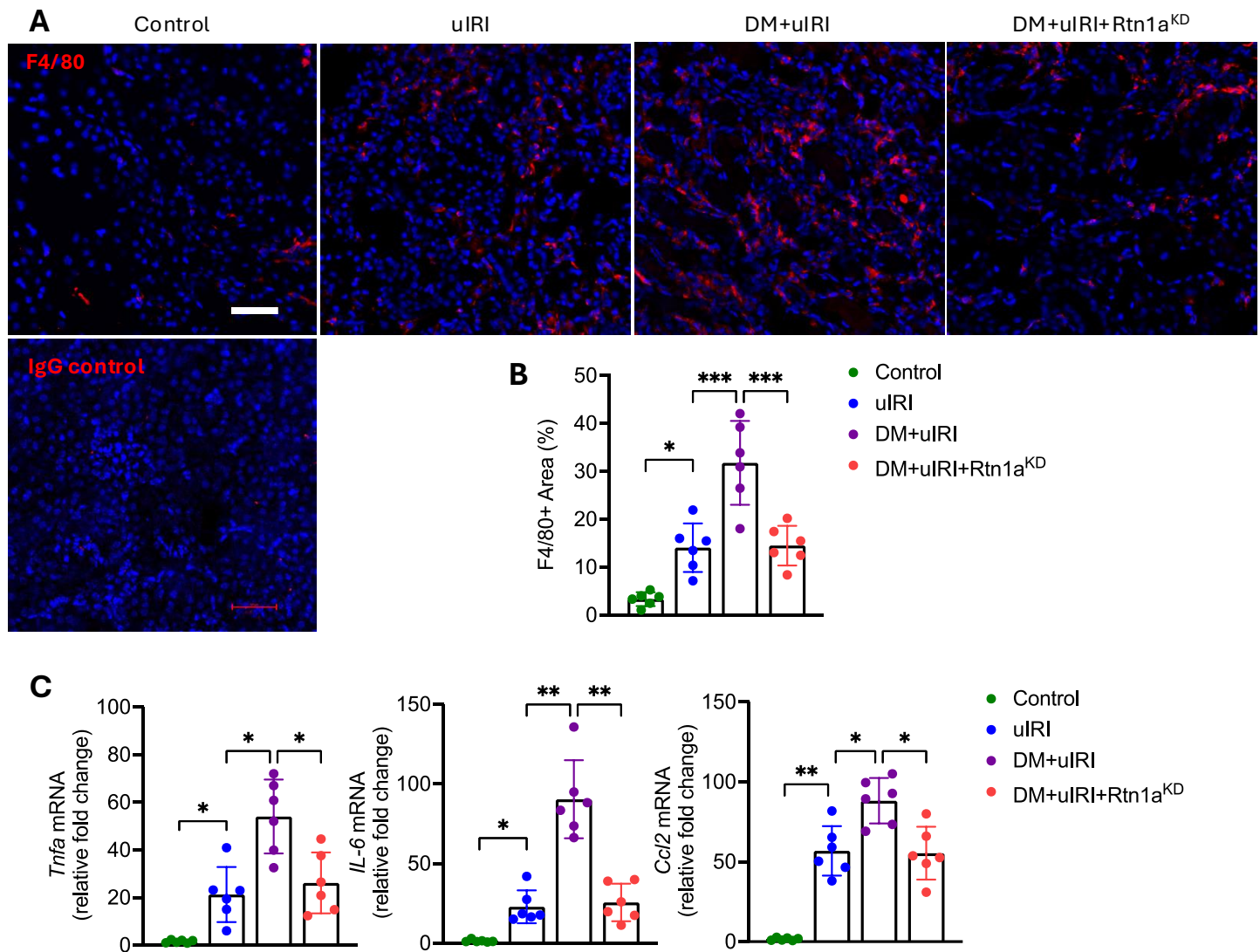
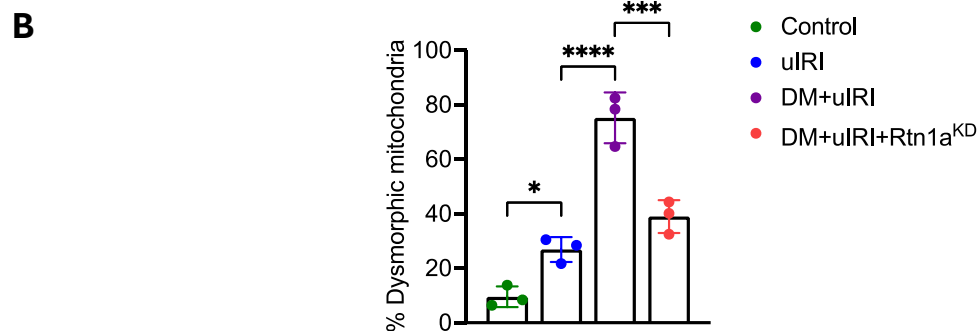
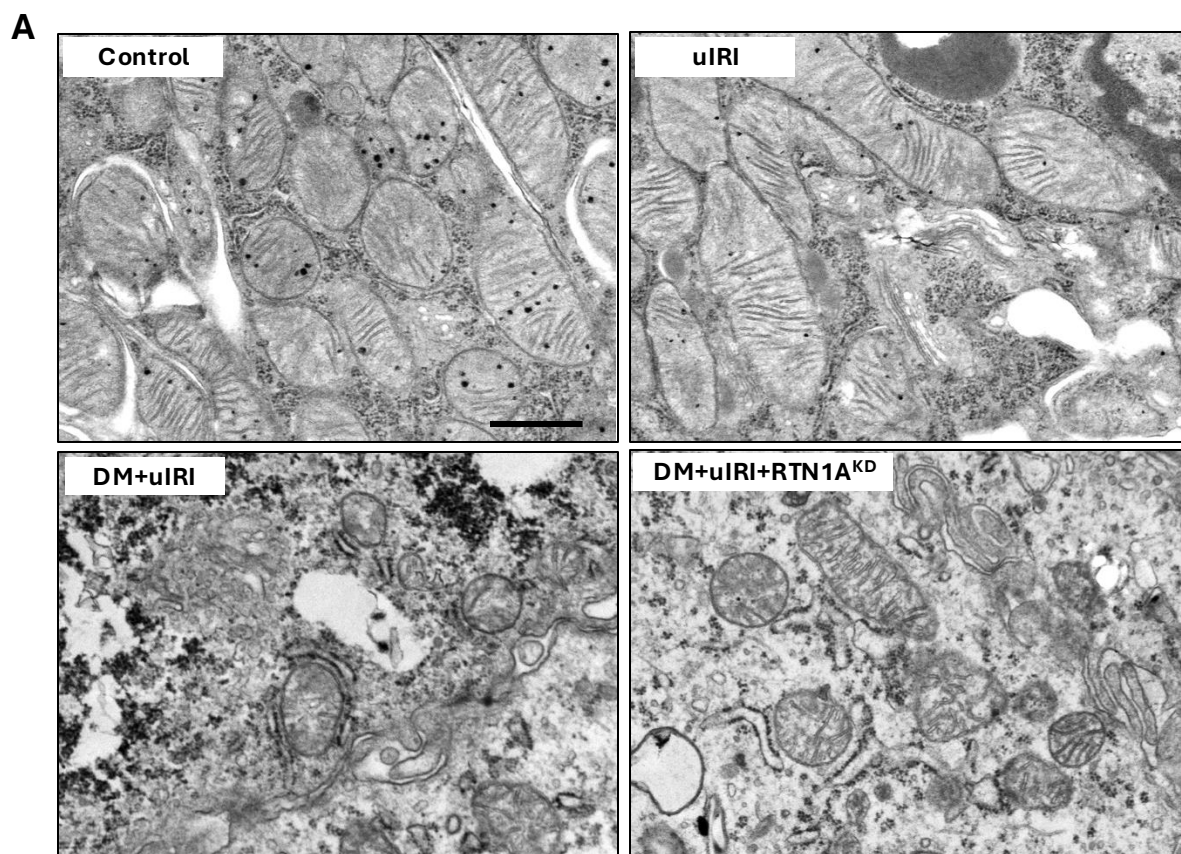


Supp. Figure 1



Supp. Fig. 1: Diabetes exacerbates renal inflammation in mice with uIRI, which is attenuated by RTN1A knockdown. **A.** Representative images of F4/80 immunostaining, Scale bar, 50µm. **B.** Quantification of F4/80 area per mouse kidney (%). 30 fields evaluated per mouse. **C.** Real-time PCR analysis of inflammatory markers in mouse kidney cortices. n=6 mice, * $P<0.05$, ** $P<0.01$, and *** $P<0.001$ between indicated groups by 1-way ANOVA with Tukey's *post hoc* test.

Supp. Figure 2



Supp. Fig. 2: Changes in mitochondria morphologies in diabetic mice with uIRI are attenuated by RTN1A knockdown. A. Representative transmission EM images of RTEC mitochondria in 4 groups of mice, Scale bar, 600nm. **B.** Average % of dysmorphic mitochondria in RTECs per mouse kidney. n=3 mice, * $P < 0.05$, *** $P < 0.001$, and **** $P < 0.0001$ between indicated groups by 1-way ANOVA with Tukey's *post hoc* test.