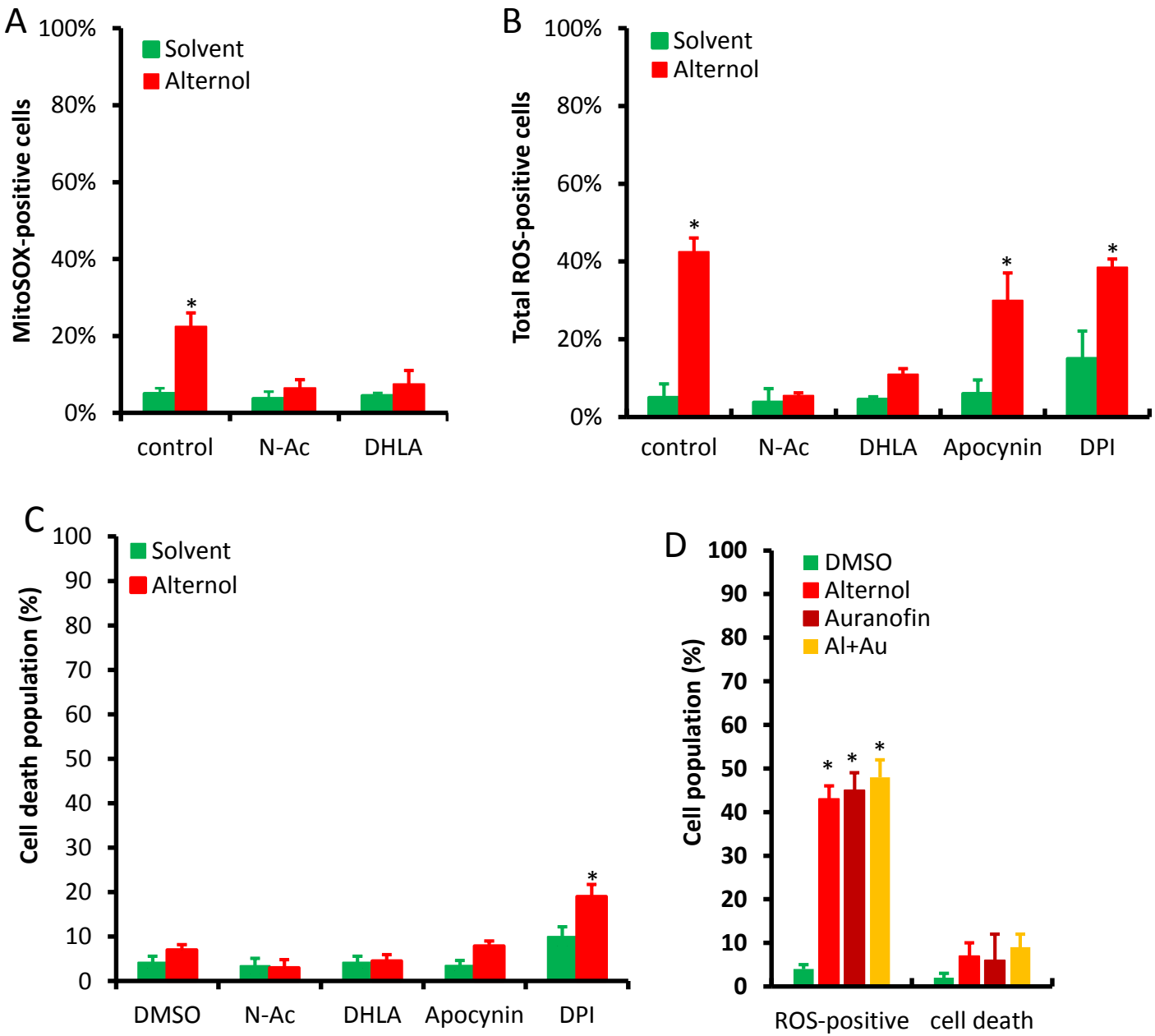Xu, et al. Supplemental Figure