



Figure S5. Effect of dexmedetomidine on cleaved caspase 3 and caspase 9 expression of A549 and H4 cells. Representative images and quantification of immunofluorescence staining of cleaved caspase 3<sup>+</sup> A549 (A) or H4 (B) cells and cleaved caspase 9<sup>+</sup> A549 (A) or H4 (B) cells after 24 h treatment with 1 nM dexmedetomidine. Data are presented as mean  $\pm$  SD. \* $P < 0.01$  versus V.  $n = 6$  independent experiments. *Scale bar*:  $\times 20$  magnification, 50  $\mu\text{m}$ .