



Figure S2. Effect of dexmedetomidine and midazolam on cyclin D expression of A549 and H4 cells. Representative images and quantification of immunofluorescence staining of cyclin D⁺ cells after 24 h treatment with 1 nM dexmedetomidine of A549 (A) and H4 (B) cells or 400 μM midazolam treatment of A549 (C) and H4 cells (D). Data are presented as mean ± SD. **P* < 0.01 versus V. *n* = 6 independent experiments. *Scale bar*: ×20 magnification, 50 μm.