

Supplemental Files

Table S1. Primer pairs used for qRT-PCR.

Name	Sequences (5' to 3')
GAPDH_ <i>Homo</i>	F: GGAGCGAGATCCCTCCAAAAT R: GGCTGTTGTCATACTTCTCATGG
TNF α _ <i>Homo</i>	F: CCTCTCTCTAATCAGCCCTCTG R: GAGGACCTGGGAGTAGATGAG
IL-6_ <i>Homo</i>	F: ACTCACCTCTTCAGAACGAATTG R: CCATCTTTGGAAGGTTCAAGTTG
β -actin_ <i>Mus</i>	F: GGCTGTATTCCCCTCCATCG R: CCAGTTGGTAACAATGCCATGT
TNF α _ <i>Mus</i>	F: CCTGTAGCCACGTCGTAG R: GGGAGTAGACAAGGTACAACCC
IL-6_ <i>Mus</i>	F: CTGCAAGAGACTTCCATCCAG R: AGTGGTATAGACAGGTCTGTTGG

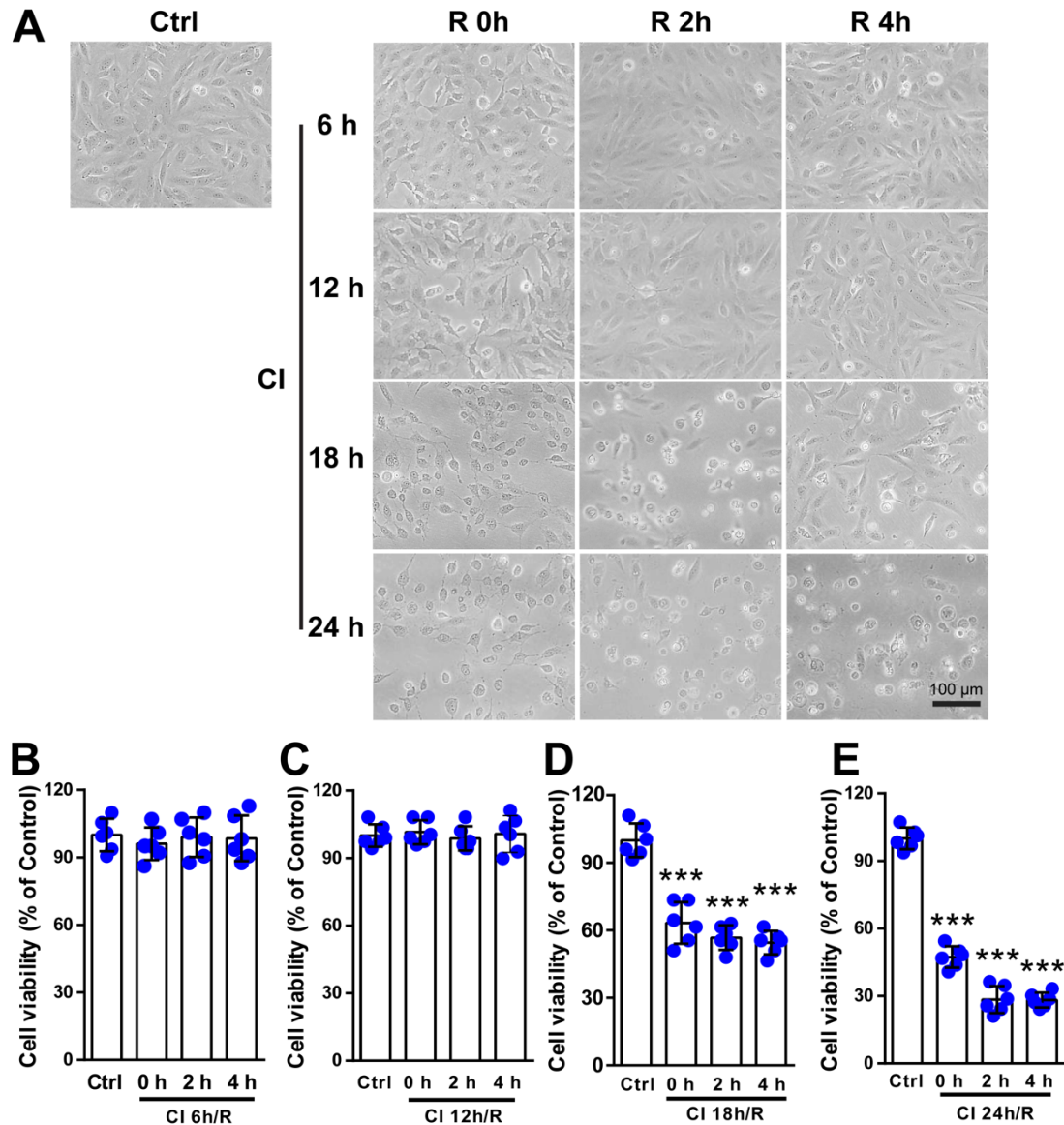


Figure S1. Simulated lung transplant setting in BEAS-2B cells.

(A) Typical morphological changes in BEAS-2B cells in different cold ischemia (CI) and reperfusion (R) time. Cells were treated with cold-ischemia (CI) for 6-24 hours and then with reperfusion (R) for 0-4 hours. **(B-E)** Cell viability determined using trypan blue exclusive staining in different groups. Six independent experiments were performed.

***P<0.001, compared with Control (Ctrl), One-way ANOVA.

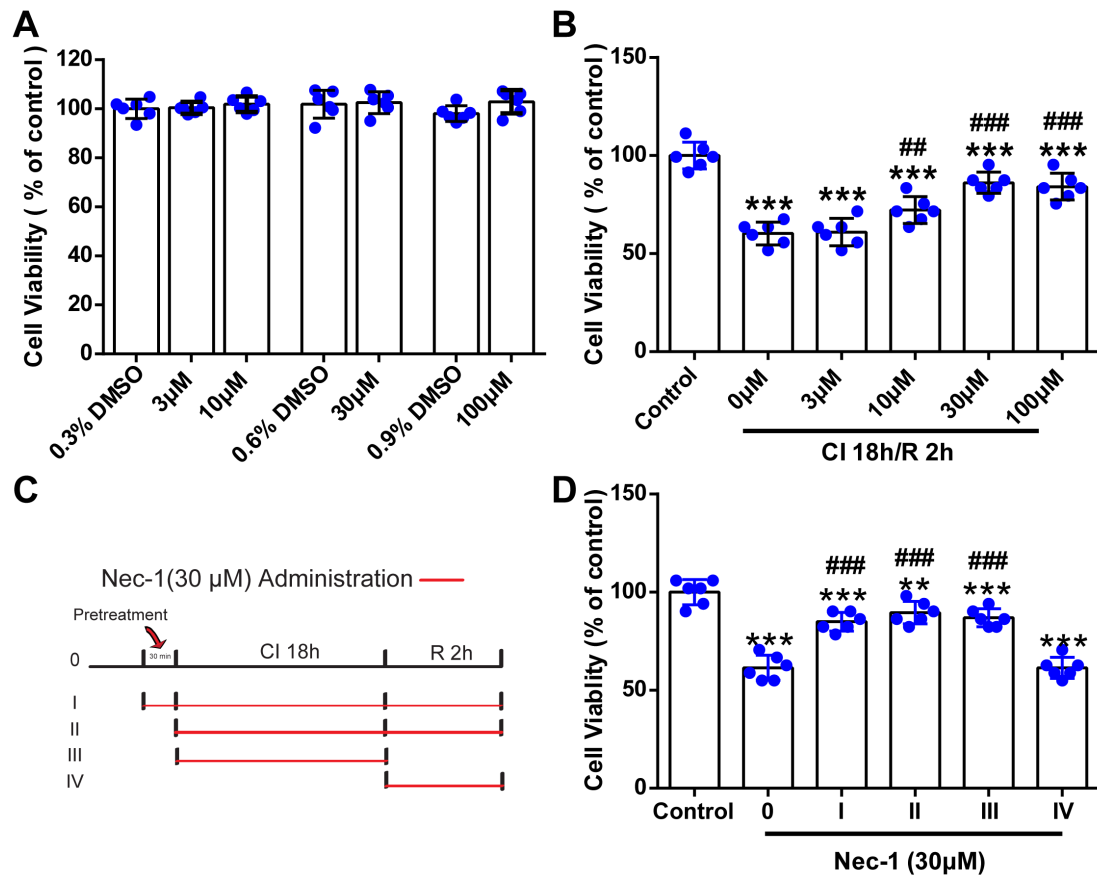


Figure S2. The administration regime of Necrostatin-1 in BEAS-2B cells treated with ischemia reperfusion. (A) Cell viability after Nec-1 or DMSO administration under normal condition. BEAS-2B cells were cultured in 96-well cell culture plate, the cell viability was determined using MTT assay. **(B)** Cell viability in different concentration of Nec-1 under CI/R condition. BEAS-2B cells treated with cold ischemia for 18 hours and reperfusion for 2 hours. Necrostatin-1 was administrated at the beginning of cold ischemia and sustained during reperfusion. **(C)** Different administration regime of Necrostatin-1. **(D)** Cell viability in different administration regime of Nec-1. BEAS-2B cells were cultured in 6-well cell culture plate. Necrostatin-1 (30 μM) was added according to the regime in which the BEAS-2B cells were treated with ischemia for 18 hours and reperfusion for 2 hours. Cell viability was determined using trypan blue exclusive staining. Six independent experiments were performed. **P<0.01, ***P<0.001, compared with control, ###P<0.01, ###P<0.001, compared with control, one-way ANOVA.