

### Supplemental figure legends

#### **Supplementary Figure 1. CaCCinh-A01 inhibits HRSV in primary human lung tissue. A)i**

Extrinsic IP-10 in the supernatants of CaCCinh-A01 (10–20  $\mu$ M) pre-treated HRSV-infected PCLS 24 hpi. Values are the fold changes of cytokine values (normalised to pg/mg total protein) compared to compared with respective untreated HRSV-infected tissue. Individual values (dots) of three independent donors are shown. Connecting lines represent data sets at different drug concentration from the same donor. A one-way ANOVA with Dunnett's multiple comparison test was used for statistical analysis. P-values <0.05 (\*) or <0.01 (\*\*) were considered significant. **A)ii.** Released LDH normalised to respective Triton-lysed untreated, uninfected tissue (n=3). Mean values (bars) and individual values (dots) of three donors are given. NS: non-significant differences.

**Supplementary Figure 2. Statistical analysis.** Total green object count (1/well), average integrated intensity (GCU  $\times$   $\mu$ m<sup>2</sup>) and western blot densitometry data were compared using a one-way ANOVA Bonferroni multiple comparison test. The model was verified using the HRSV inhibitor ribavirin. P-values  $\leq$  0.05 were considered statistically significant (\*) and are shown in bold. PCLS analysis was performed using an unpaired Mann Whitney one-tailed test or one-way ANOVA Dunnett's multiple comparison test.