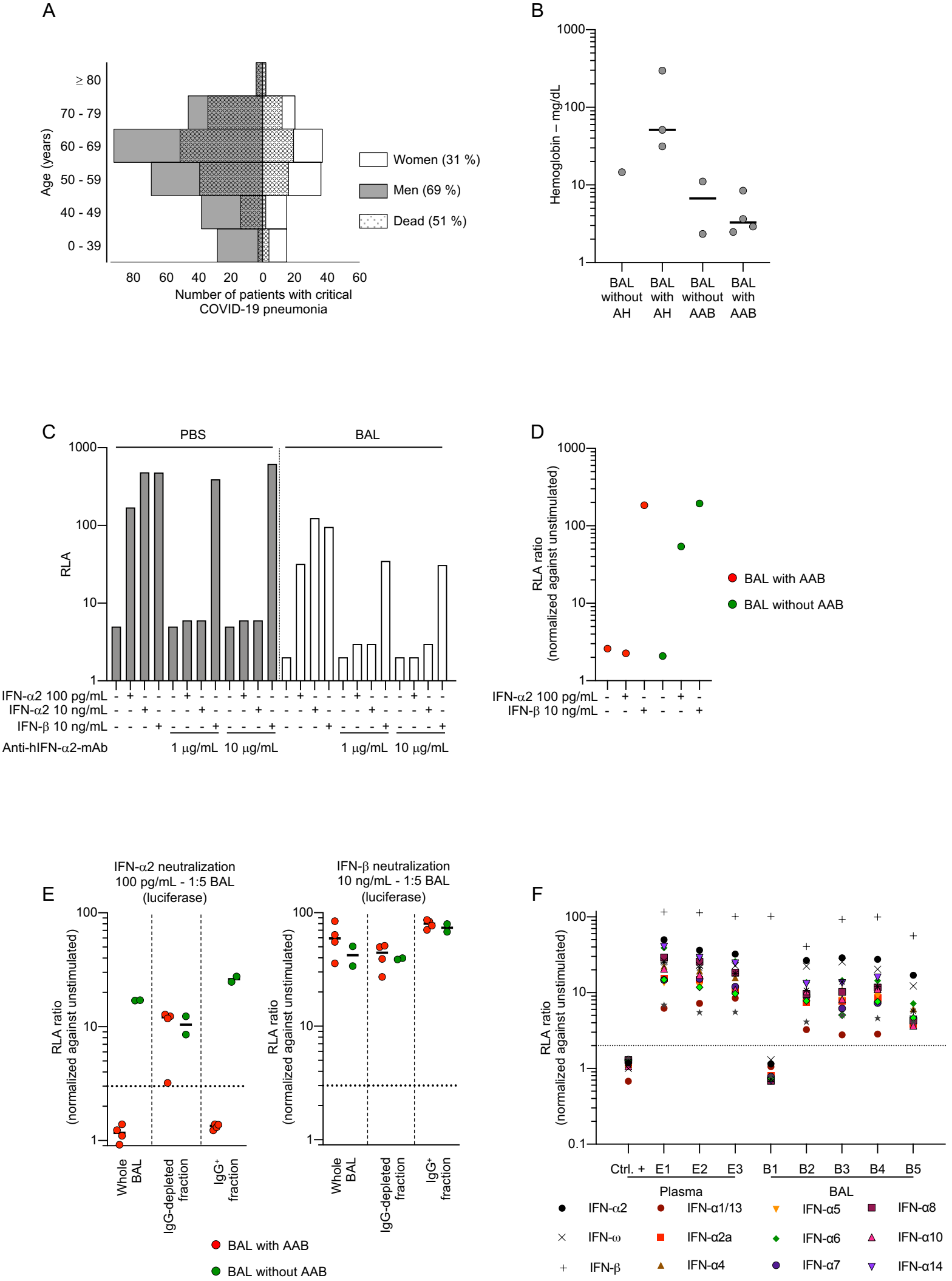
Figure S1


A
Age (years)
≥ 80
70 - 79
60 - 69
50 - 59
40 - 49
0 - 39
80 60 40 20 0 20 40 60
Number of patients with critical COVID-19 pneumonia
Women (31 %)
Men (69 %)
Dead (51 %)
B
Hemoglobin – mg/dL
1000
100
10
1
BAL without AH
BAL with AH
BAL without AAB
BAL with AAB
C
PBS
BAL
RLA
1000
100
10
1
IFN-α2 100 pg/mL
IFN-α2 10 ng/mL
IFN-β 10 ng/mL
Anti-hIFN-α2-mAb
1 μg/mL 10 μg/mL
1 μg/mL 10 μg/mL
D
RLA ratio (normalized against unstimulated)
1000
100
10
1
BAL with AAB
BAL without AAB
IFN-α2 100 pg/mL
IFN-β 10 ng/mL
E
IFN-α2 neutralization 100 pg/mL - 1:5 BAL (luciferase)
IFN-β neutralization 10 ng/mL - 1:5 BAL (luciferase)
RLA ratio (normalized against unstimulated)
100
10
1
Whole BAL
IgG-depleted fraction
IgG+ fraction
BAL with AAB
BAL without AAB
F
RLA ratio (normalized against unstimulated)
100
10
1
0.1
Ctrl. +
E1
E2
E3
B1
B2
B3
B4
B5
Plasma
BAL
IFN-α2
IFN-α1/13
IFN-α5
IFN-α8
IFN-ω
IFN-α2a
IFN-α6
IFN-α10
IFN-β
IFN-α4
IFN-α7
IFN-α14