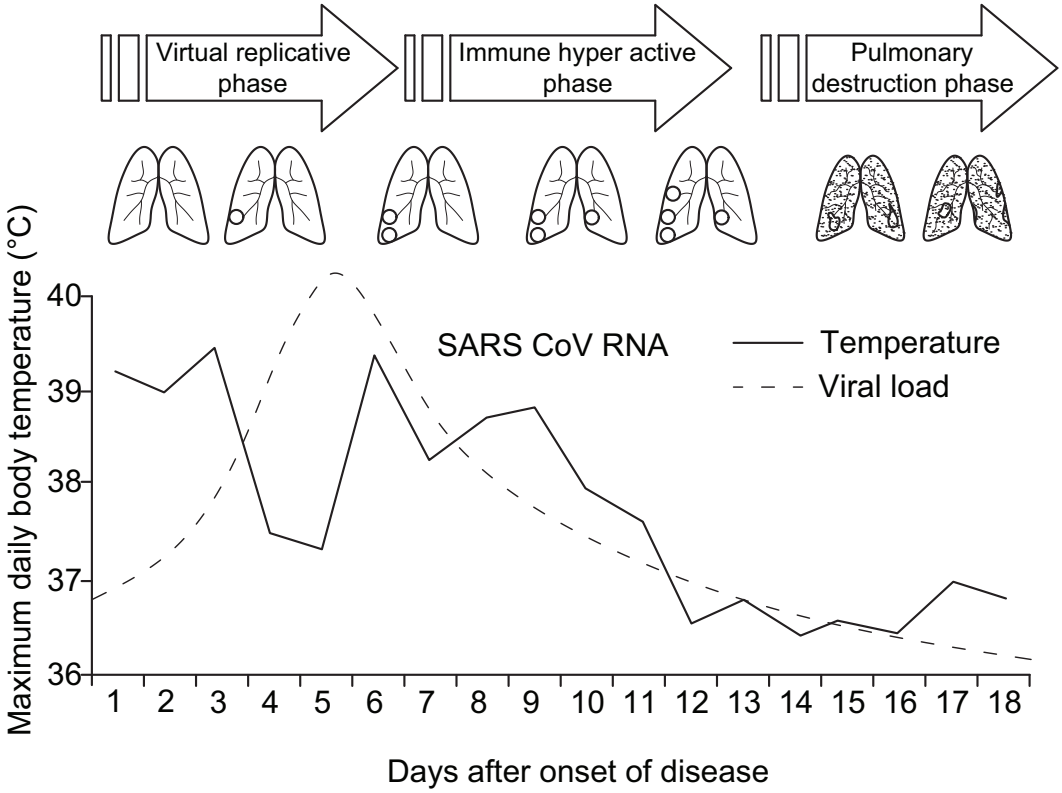
Virtual replicative phase
Immune hyper active phase
Pulmonary destruction phase
Maximum daily body temperature (°C)
40
39
38
37
36
SARS CoV RNA
Temperature
Viral load
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Days after onset of disease

FIG. 1

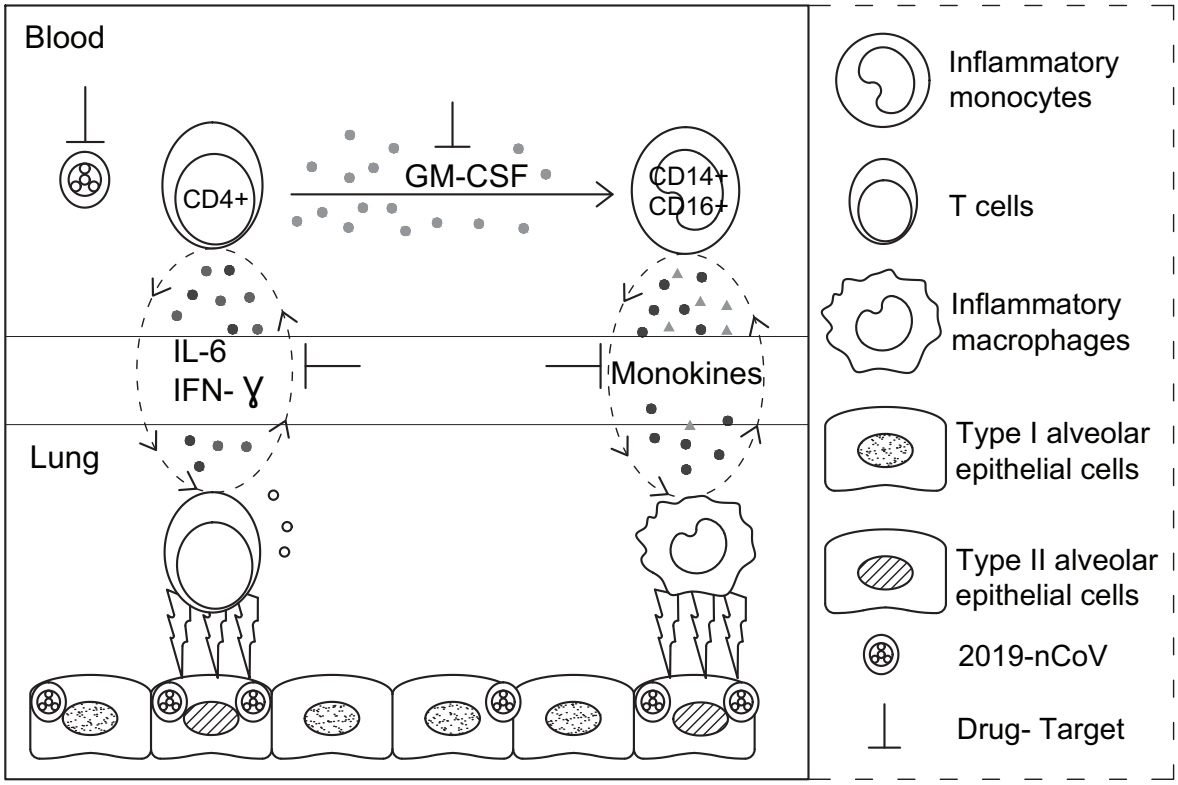
Blood
CD4+
GM-CSF
CD14+
CD16+
IL-6
IFN- γ
Monokines
Lung
Inflammatory monocytes
T cells
Inflammatory macrophages
Type I alveolar epithelial cells
Type II alveolar epithelial cells
2019-nCoV
Drug- Target

FIG. 2

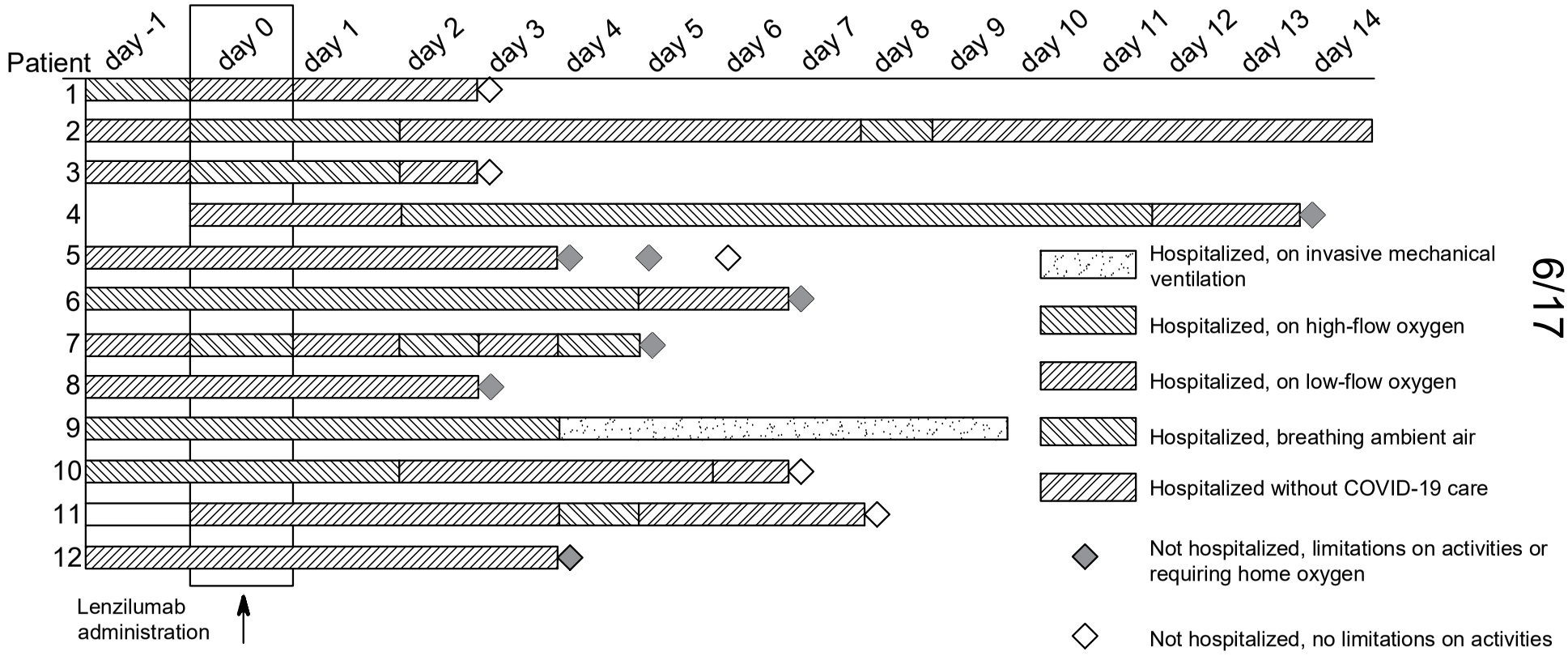
Patient
day -1
day 0
day 1
day 2
day 3
day 4
day 5
day 6
day 7
day 8
day 9
day 10
day 11
day 12
day 13
day 14
1
2
3
4
5
6
7
8
9
10
11
12
Lenzilumab administration
Hospitalized, on invasive mechanical ventilation
Hospitalized, on high-flow oxygen
Hospitalized, on low-flow oxygen
Hospitalized, breathing ambient air
Hospitalized without COVID-19 care
Not hospitalized, limitations on activities or requiring home oxygen
Not hospitalized, no limitations on activities

FIG. 6D