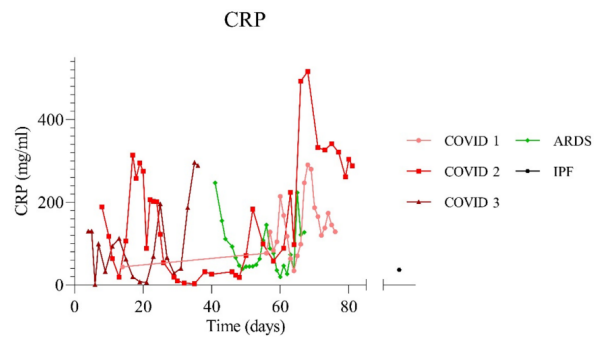


Table S1 Timetable of events

COVID-1		COVID-2		COVID-3	
Event	Time to onset (days)	Event	Time to onset (days)	Event	Time to onset (days)
COVID-19 symptoms <sup>§</sup>	0	COVID-19 symptoms <sup>§</sup>	0	COVID-19 symptoms <sup>§</sup>	0
NP positive PCR (Ct 27.4) <sup>‡</sup>	14	NP positive PCR <sup>‡</sup>	4	NP positive PCR <sup>‡</sup>	2
Hospital admission <sup>§</sup>	14	Hospital admission <sup>§</sup>	4	Hospital admission <sup>§</sup>	3
Chest CT <sup>¶</sup>	14	Chest CT <sup>¶</sup>	4	NP positive PCR (Ct 19.4) <sup>‡</sup>	4
NP positive PCR (Ct 34.6) <sup>‡</sup>	20	Intubation <sup>§</sup>	8	Chest CT <sup>¶</sup>	4
Hospital discharge <sup>§</sup>	20	Chest CT <sup>¶</sup>	8	ICU admission <sup>§</sup>	4
Re-admission ICU <sup>§</sup>	25	NP positive PCR (Ct 24) <sup>‡</sup>	10	Non-invasive ventilation <sup>§</sup>	4
Non-invasive ventilation <sup>§</sup>	25	Proning <sup>§</sup>	16	Chest CT <sup>¶</sup>	11
Chest CT <sup>¶</sup>	26	Bacterial pneumonia <sup>§</sup>	16	BAL positive PCR (Ct 18.3) <sup>‡</sup>	17
NP negative PCR <sup>‡</sup>	32	Veno-venous ECMO <sup>§</sup>	23	Intubation <sup>§</sup>	17
Intubation <sup>§</sup>	33	Chest CT <sup>¶</sup>	41	Chest CT <sup>¶</sup>	18
Proning <sup>§</sup>	33	Chest CT <sup>¶</sup>	61	Positive anti-SARS-CoV-2 IgG <sup>†</sup>	18
BAL negative PCR <sup>‡</sup>	33	BAL negative PCR <sup>‡</sup>	61	Proning <sup>§</sup>	21
Chest CT <sup>¶</sup>	34	BAL negative PCR <sup>‡</sup>	74	Bacterial pneumonia <sup>§</sup>	20
Bacterial pneumonia <sup>§</sup>	35	Chest CT <sup>¶</sup>	75	BAL positive PCR (Ct 29.6) <sup>‡</sup>	22
Thoracoscopic lung biopsy <sup>§</sup>	40	BAL negative PCR <sup>‡</sup>	83	BAL positive PCR (Ct 39.2) <sup>‡</sup>	28
Tracheostomy <sup>§</sup>	46	listing HU LTx <sup>§</sup>	84	Death <sup>§</sup>	35
Invasive pulmonary aspergillosis <sup>§</sup>	56	NP negative PCR <sup>‡</sup>	84		
Chest CT <sup>¶</sup>	64	LTx <sup>§</sup>	85		
CMV reactivation <sup>§</sup>	65				
Veno-venous ECMO <sup>§</sup>	68				
BAL negative PCR <sup>‡</sup>	73				
HU listing LTx <sup>§</sup>	73				
Positive anti-SARS-CoV-2 IgG <sup>†</sup>	74				
LTx <sup>§</sup>	76				

This table shows all tests (<sup>‡</sup>, <sup>‡</sup>), hospital interventions (<sup>§</sup>), chest CT (<sup>¶</sup>), and antibody tests (<sup>†</sup>). Days are next to each event in which day 0 is onset of symptoms. COVID, coronavirus disease; NP, N-protein; PCR, polymerase chain reaction; Ct, cycle threshold; CT, computed tomography; ICU, intensive care unit; BAL, broncho-alveolar lavage; ECMO, extracorporeal membrane oxygenation; SARS-CoV-2, severe acute respiratory syndrome coronavirus 2; IgG, immunoglobulin G; HU, high urgency; LTx, lung transplantation; CMV, cytomegalovirus.



**Figure S1** Time course measurements in CRP serum levels. CRP levels are increased (compared to standard levels of <5 mg/mL) during the entire COVID-19-ARDS and fibrotic stage in all lungs. In COVID-2, it is shown that there is an acute increase followed by a decrease and additional increase before transplantation. Missing values of CRP are due to the transfer between hospitals. CRP, C-reactive protein; COVID, coronavirus disease; ARDS, acute respiratory distress syndrome; IPF, idiopathic pulmonary fibrosis.