Changes in the COVID-19 strain (new in red) 20% more viral load, 20% less effective in lung tissue Healthy lung epithilium 0.75 0.50 0.00 Cytokine <sup>7</sup> 0 40 30 20 30 10 20 40 10 20 30 40 0 Infected inmune cells 0.005 Healthy cardiar cells 0.004 0.003 0.002 0.001 0.000 20 30 40 10 20 30 40 10 20 30 40 0 0.08 0.20 Thrombosis level count 0.06 0.15 0.04 **D-dimer** 0.10 0.02 0.05

