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Role of Fibrinogen and Plasminogen in Neutrophil Infiltration in the Lung in COVID-19

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- COVID-19 is caused by Severe thrombotic complications, including stroke.
- with severe-to-fatal COVID-19.
- extracellular traps.
- influence COVID-19 severity.
- lungs and mortality in COVID-19.







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Fig 5. Male and female plasminogen deficient mice had higher survival and more lung neutrophils with SARS-CoV-2 MA10 infection. Probability of survival of mock- and MA10-infected male and female Plg^{+/-} and Plg^{-/-} mice across 30 dpi (A). Quantification of average Ly6G-positive area in 10X field of lung tissue sections harvested 5 and 30 dpi from mock- and MA10-infected male and female Plg^{+/-} and Plg^{-/-} mice (B). Survival data analyzed using Kaplan-Meier test followed by log-rank test. Quantification data from 30 dpi males analyzed by Kruskal-Wallis test and Dunn-corrected. All other quantification data analyzed by one-way ANOVA

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