

**Table 1S (Supplemental material). Animal models of GC in infectious disease.**

	Ref	Disease	Model	Glucocorticoid	Results
<i>COVID-19</i>	Ye 2021	SARS-CoV-2	Golden Syrian hamster	methylprednisolone	protection against desquamation, inflammation, vessel congestion, wall thickening
	Rocha 2021	SARS-CoV-2	Golden Syrian hamster	PT150	decreased viral replication, decreased inflammation, tissue damage, IL-6
<i>Influenza</i>	Xu 2009	H5N1	BALB/c mice	dexamethasone	no improvement in mortality or clinical features e.g. hypoxemia, inflammation, cytokine release
	Salomon 2007	H5N1	Mouse	corticosterone	no improvement in morbidity or mortality
<i>Fungal pneumonia</i>	Li 2012	H1N1	Nouse	dexamethasone	improved survival and histological score
	Jakab 2016	Candida albicans	<i>in vitro</i> epithelium	betamethasone	enhanced fungal invasion and cell damage, decreased IL-6, IL-8
	Clemons 2011	aspergillus fumigatus	Mouse	triamcinolone	enhanced susceptibility to fungal infection