

The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

Effectiveness of COVID-19 vaccination in pregnancy, COVID-19 mutation in an immunocompromised host, fulminant onset COVID-19

Peer reviewed journals featured:

- A systematic review on effectiveness and perinatal outcomes of COVID-19 vaccination in pregnancy [here](#)
- A meta-analysis of observational studies and randomised controlled trials evaluating the effects of COVID-19 treatment with hydroxychloroquine, lopinavir-ritonavir, or dexamethasone [here](#)
- Observational studies on:
 - SARS-CoV-2 mutations and changes in immunity in immunocompromised patients reflect viral evolution within the host [here](#)
 - Predictors and outcome of fulminant onset COVID-19 [here](#)
 - COVID-19 infection and outcomes in adults with intellectual disabilities in Scotland [here](#)
 - Clinical features and risk factors of severe or fatal COVID-19 in hospitalised people living with HIV [here](#)
 - Comparing population-level mental health of UK workers during the COVID-19 pandemic [here](#)
- A modelling study on virus particle propagation and infectivity within the respiratory tract [here](#)
- An editorial on friendship in the age of COVID-19 [here](#)
- Commentary on the impact of COVID-19 on the workforce [here](#)

Letters and correspondence discussed:

- Omicron variant sensitivity to interferon treatment [here](#)

Pre-peer review articles featured:

- mRNA-based COVID-19 booster effectiveness and cost-effective in Australia [here](#)

News and blogs

- Pfizer's small-molecule antiviral misses on COVID-19 prevention [here](#)
- Fourth dose of mRNA vaccines is safe and boosts immunity [here](#)