

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

TMPRSS2 inhibitor, global genomic surveillance, corticosteroid monotherapy in multisystem inflammatory syndrome in children

Peer reviewed journals featured:

- Observational studies on:
 - A TMPRSS2 inhibitor that acts as a pan-SARS-CoV-2 prophylactic and therapeutic [here](#)
 - Global landscape of SARS-CoV-2 genomic surveillance and data sharing [here](#)
 - Global COVID-19 mortality and comparison between “the East” and “the West” [here](#)
 - Corticosteroid monotherapy in Multisystem Inflammatory Syndrome in children (MIS-C) [here](#)
- A modelling study on waning immunity after SARS-CoV-2 vaccination [here](#)
- Commentary on:
 - Faith based dialogue to tackle vaccine hesitancy and build trust [here](#)
 - The speed of global vaccination [here](#)
 - COVID-19, inflammatory cytokines and cardiac arrhythmias [here](#)

Letters and correspondence discussed:

- COVID-19 vaccination outcomes in children with multisystem inflammatory syndrome [here](#)

Pre-peer review articles featured:

- An international survey of citizens’ attitudes under COVID-19 [here](#)
- Detection and prevalence of SARS-CoV-2 co-infections during Omicron circulation in France [here](#)
- Monitoring the Omicron BA.1/BA.2 variant transition and viral quantities in Sweden [here](#)
- Dynamics of humoral and cellular immune responses after Vaxzevria (AstraZeneca) and Comirnaty (Pfizer) vaccination [here](#)

News and blogs

- Will Omicron finally overpower China’s COVID-19 defences? [here](#)
- Infection of liver hepatocytes with SARS-CoV-2 [here](#)
- WHO set to reject Canadian plant-based vaccine because of links with tobacco industry [here](#)
- Researchers call for routine flu testing of hospital inpatients with SARS-CoV-2 infection [here](#)