

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

SARS-CoV-2 infection and vaccination in rheumatic and musculoskeletal disease, Australia's genomics surveillance platform (AusTrakka)

Peer reviewed journals featured:

- Systematic reviews on:
 - Risk and prognosis of SARS-CoV-2 infection and vaccination in rheumatic and musculoskeletal diseases [here](#)
 - The efficacy and safety of Janus Kinase inhibitors for COVID-19 patients [here](#)
 - Intravenous vitamin C use and risk of COVID-19 severity and mortality [here](#)
- A phase Ib/IIa trial of intravenous nafamostat mesylate in COVID pneumonitis [here](#)
- Observational studies on:
 - Association of COVID-19 vaccination with symptomatic SARS-CoV-2 infection, by time since vaccination and Delta variant predominance [here](#)
 - Comparison of racial, ethnic, and geographic location diversity of participants in clinic-based vs 2 remote COVID-19 clinical trials [here](#) and associated commentary [here](#)
 - Mobilisation of expert knowledge and advice for management of the COVID-19 pandemic in Italy [here](#)
 - Antibody responses and correlates of protection after two doses of Vaxzevria (AstraZeneca) or Comirnaty (Pfizer) vaccines [here](#)
 - Risks of COVID-19 by occupation in NHS workers in England [here](#)
- A modelling study on simulated US school-related SARS-CoV-2 transmission, mitigation interventions, and vaccination coverage [here](#)
- Commentary on Australia's pathogen genomics surveillance for COVID-19 (AusTrakka) [here](#)

Pre-peer review articles featured:

- Omicron as a trigger for cross-reactive neutralisation and Fc effector functions in previously vaccinated, but not unvaccinated individuals [here](#)

Guidance and reports

- The World Health Organization published guidance on public health surveillance for COVID-19 [here](#)

News and blogs

- Omicron-targeted vaccines do no better than original jabs in early tests [here](#)
- Even mild infections can cause long term heart problems [here](#)

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on [COVID-19 transmission](#), SARS-CoV-2 [vaccines](#), and [variants](#) of concern, [post-acute sequelae of COVID-19 \(PASC or long COVID\)](#), [surgery and COVID-19](#), [rapid testing](#) and [risk mitigation strategies](#).