Daily evidence digest  
26 February 2021

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

The downsides of face masks, seropositivity and future infection risk, immune escape of variants

Peer reviewed journals featured:

- A systematic review on the downsides of face masks and possible mitigation strategies [here](#)
- A review of SARS-CoV-2 vaccines strategies [here](#)
- Cohort studies on:
  - The association between a positive SARS-CoV-2 antibody test and future infection risk [here](#) and associated commentary [here](#)
  - Clinical phenotypes among patients with COVID-19, and their prognostic implications [here](#) and associated commentary [here](#)
- Observational studies on:
  - The characteristics and outcomes of Multisystem Inflammatory Syndrome in Children (MIS-C) compared with severe acute COVID-19 [here](#)
  - Identification of candidate repurposable drugs to combat COVID-19 [here](#)
  - SARS-CoV-2 viral loads in nasopharyngeal swabs and saliva [here](#)
  - The optimal window for donating convalescent plasma useful for immunotherapy [here](#)
  - The influence of COVID-19 vaccine’s effectiveness and safety profile on vaccine acceptance [here](#)
  - Mobile isolation wards in a fever clinic in Wuhan, China [here](#)
  - Excess mortality during the COVID-19 outbreak in China [here](#)
- A modelling study on phased lift of controls to develop herd immunity against COVID-19 [here](#)
- A case report on blue ‘COVID toes’ following vaccination with BNT162b2 (Pfizer) vaccine [here](#)
- Editorials on:
  - The effective measures in keeping schools as safe as possible [here](#)
  - Coping with COVID-19 in various countries around the world [here](#)
- Commentary on:
  - The promises and challenges in scaling up COVID-19 rapid antigen tests [here](#)
  - The importance of non-pharmaceutical interventions in lowering viral inocula [here](#)
  - The changing face of medical professionalism and the impact of COVID-19 [here](#)
  - Wearing eye protection to prevent SARS-CoV-2 transmission [here](#)
  - Patients with autoimmune diseases and COVID-19 vaccination [here](#) and [here](#)
  - SARS-CoV-2 vaccine testing and trials in the paediatric population [here](#)
  - COVID-19 complications in pregnant women and exclusion from clinical trials [here](#)
Pre-peer review articles featured:
- The sensitivity of SARS CoV-2 variants of concern to convalescent or post-vaccination sera [here](here)
- The spread of SARS-CoV-2 variants in France [here](here)
- Prior infection, and antibody response to single versus double dose BNT162b2 (Pfizer) vaccination [here](here)

News and blogs
- Google-funded COVID-19 database tracking variants and immunity [here](here)
- Rich countries should tithe their vaccines [here](here)
- Understanding public health in the COVID-19 era [here](here)
- The case of Oxford professor exposes a transparency crisis in government [here](here)

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Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables [available here](here)