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Selected Publications on SARS-CoV-2 by EVBC Members

Targeted surveillance of suspected high-risk populations, such as chronically infected patients, and improving detection systems, such as a One Health approach, which also includes wastewater and animal surveillance, are critical for the early detection of future variants. (Nat Med: [10.1038/s41591-022-01836-w](https://doi.org/10.1038/s41591-022-01836-w))

Nsp1 uses a multifaceted approach to shut off cellular protein synthesis and plays an explicit role in blocking the IFN response. (Cell Rep: [10.1016/j.celrep.2022.110954](https://doi.org/10.1016/j.celrep.2022.110954))

SARS-CoV-2 molecular and genomic surveillance may inform public health policies including vaccination strategies and enable a proactive approach to controlling COVID-19 spread as the virus evolves. (Clin Infect Dis: [10.1093/cid/ciac399](https://doi.org/10.1093/cid/ciac399))

Antigenic cartography of SARS-CoV-2 reveals that Omicron BA.1 and BA.2 are antigenically distinct. (Sci Immunol: [10.1126/sciimmunol.abq4450](https://doi.org/10.1126/sciimmunol.abq4450))

Furin cleavage sites can be acquired in SARS-related coronaviruses via conserved molecular mechanisms known in other reservoir-bound RNA viruses and thus support a natural origin of SARS-CoV-2. (Commun Biol: [10.1038/s42003-022-03421-w](https://doi.org/10.1038/s42003-022-03421-w))

Preprints

Antibodies from patients taking TNF α blockers have a lower SARS-CoV-2 neutralising capacity and maturity. (medRxiv: [10.1101/2022.07.01.22277143](https://doi.org/10.1101/2022.07.01.22277143))

 [EVBC publications on SARS-CoV-2 on Pubmed](#)