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## Selected Publications on SARS-CoV-2 by EVBC Members

Covid-19 Breakthrough Infections in Vaccinated Health Care Workers. *N Engl J Med* [10.1056/NEJMoa2109072](https://doi.org/10.1056/NEJMoa2109072)

Rapid and stable mobilization of CD8+ T cells by SARS-CoV-2 mRNA vaccine. *Nature* [10.1038/s41586-021-03841-4](https://doi.org/10.1038/s41586-021-03841-4)

The animal origin of SARS-CoV-2. *Science* [10.1126/science.abh0117](https://doi.org/10.1126/science.abh0117)

Safety, reactogenicity, and immunogenicity of homologous and heterologous prime-boost immunisation with ChAdOx1 nCoV-19 and BNT162b2: a prospective cohort study. *Lancet Respir Med* [10.1016/S2213-2600\(21\)00357-X](https://doi.org/10.1016/S2213-2600(21)00357-X)

SARS-CoV-2 variant prediction and antiviral drug design are enabled by RBD in vitro evolution. *Nat Microbiol* [10.1038/s41564-021-00954-4](https://doi.org/10.1038/s41564-021-00954-4)

Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. Now published in *Nat Commun* [10.1038/s41467-021-25030-7](https://doi.org/10.1038/s41467-021-25030-7)

Development of safe and highly protective live-attenuated SARS-CoV-2 vaccine candidates by genome recoding. *Cell Rep* [10.1016/j.celrep.2021.109493](https://doi.org/10.1016/j.celrep.2021.109493)

No evidence of SARS-CoV-2 reverse transcription and integration as the origin of chimeric transcripts in patient tissues. *PNAS* [10.1073/pnas.2109066118](https://doi.org/10.1073/pnas.2109066118)

The nucleotide addition cycle of the SARS-CoV-2 polymerase. Now published in *Cell Rep* [10.1016/j.celrep.2021.109650](https://doi.org/10.1016/j.celrep.2021.109650)

SARS-CoV-2 RNA and antibody detection in breast milk from a prospective multicentre study in Spain. *Arch Dis Child Fetal Neonatal Ed* [10.1136/archdischild-2021-322463](https://doi.org/10.1136/archdischild-2021-322463)

poreCov-An Easy to Use, Fast, and Robust Workflow for SARS-CoV-2 Genome Reconstruction via Nanopore Sequencing. Now published in *Front Genet* [10.3389/fgene.2021.711437](https://doi.org/10.3389/fgene.2021.711437)

Inactivation of Coronaviruses during Sample Preparation for Proteomics Experiments. *J Proteome Res* [10.1021/acs.jproteome.1c00320](https://doi.org/10.1021/acs.jproteome.1c00320)

The role of risk communication in public health interventions. An analysis of risk communication for a community quarantine in Germany to curb the SARS-CoV-2 pandemic. *PLoS One* [10.1371/journal.pone.0256113](https://doi.org/10.1371/journal.pone.0256113)

ACE2-Variants Indicate Potential SARS-CoV-2-Susceptibility in Animals: A Molecular Dynamics Study. *Mol Inform* [10.1002/minf.202100031](https://doi.org/10.1002/minf.202100031)

### Reviews / Commentaries

SARS-CoV-2 in animals: From potential hosts to animal models. *Adv Virus Res* [10.1016/bs.aivir.2021.03.004](https://doi.org/10.1016/bs.aivir.2021.03.004)

### Preprints

Long-term immunogenicity of BNT162b2 vaccination in the elderly and in younger health care workers. *medRxiv* [10.1101/2021.08.26.21262468](https://doi.org/10.1101/2021.08.26.21262468)

The unique evolutionary dynamics of the SARS-CoV-2 Delta variant. *medRxiv* [10.1101/2021.08.05.21261642](https://doi.org/10.1101/2021.08.05.21261642)

Mutations that adapt SARS-CoV-2 to mustelid hosts do not increase fitness in the human airway. *bioRxiv* [10.1101/2021.08.20.456972](https://doi.org/10.1101/2021.08.20.456972)

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