

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

SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. Now published in *Nature* [10.1038/s41586-020-2598-9](https://doi.org/10.1038/s41586-020-2598-9)

Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. Now published in *Cell* [10.1016/j.cell.2020.08.001](https://doi.org/10.1016/j.cell.2020.08.001)

Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic. Now published in *Nat Microbiol* [10.1038/s41564-020-0771-4](https://doi.org/10.1038/s41564-020-0771-4)

No evidence for distinct types in the evolution of SARS-CoV-2. *Virus Evol* [10.1093/ve/veaa034](https://doi.org/10.1093/ve/veaa034)

Virucidal efficacy of different oral rinses against SARS-CoV-2. *J Infect Dis* [10.1093/infdis/jiaa471](https://doi.org/10.1093/infdis/jiaa471)

Combined Prophylactic and Therapeutic Use Maximizes Hydroxychloroquine Anti-SARS-CoV-2 Effects in vitro. Now published in *Front Microbiol* [10.3389/fmicb.2020.01704](https://doi.org/10.3389/fmicb.2020.01704)

Molecular Tracing of SARS-CoV-2 in Italy in the First Three Months of the Epidemic. Now published in *Viruses* [10.3390/v12080798](https://doi.org/10.3390/v12080798)

Comprehensive Analyses of SARS-CoV-2 Transmission in a Public Health Virology Laboratory. *Viruses* [10.3390/v12080854](https://doi.org/10.3390/v12080854)

COVID-19-Related Coagulopathy-Is Transferrin a Missing Link? Now published in *Diagnostics* [10.3390/diagnostics10080539](https://doi.org/10.3390/diagnostics10080539)

Reviews

Drugs against SARS-CoV-2: What do we know about their mode of action? *Rev Med Virol* [10.1002/rmv.2143](https://doi.org/10.1002/rmv.2143)

Preprints

Signatures and mechanisms of efficacious therapeutic ribonucleotides against SARS-CoV-2 revealed by analysis of its replicase using magnetic tweezers. *bioRxiv* [10.1101/2020.08.06.240325](https://doi.org/10.1101/2020.08.06.240325)

A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model. *bioRxiv* [10.1101/2020.08.15.252320](https://doi.org/10.1101/2020.08.15.252320)

Evaluating the effects of SARS-CoV-2 Spike mutation D614G on transmissibility and pathogenicity. *medRxiv* [10.1101/2020.07.31.20166082](https://doi.org/10.1101/2020.07.31.20166082)

Experimental infection of cattle with SARS-CoV-2. *bioRxiv* [10.1101/2020.08.25.254474](https://doi.org/10.1101/2020.08.25.254474)

Susceptibility of raccoon dogs for experimental SARS-CoV-2 infection. *bioRxiv* [10.1101/2020.08.19.256800](https://doi.org/10.1101/2020.08.19.256800)

Identification of SARS-CoV-2 induced pathways reveal drug repurposing strategies. *bioRxiv* [10.1101/2020.08.24.265496](https://doi.org/10.1101/2020.08.24.265496)

For more frequent updates on SARS-CoV-2 publications, please follow us on Twitter [EVirusBioinfC](https://twitter.com/EVirusBioinfC) or check our [publications website](#).

SARS-CoV-2 Bioinformatics Tools and Resources

We are curating a list of [bioinformatics tools](#) specifically for coronaviruses. Please let us know about the tools you have developed to advance the field.

- [COVID-19 Disease Map](#) is a knowledge repository of molecular mechanisms of COVID-19 established by broad community-driven effort.
- [COVID-19 DisGeNET data collection](#) is the results of applying text mining tools to a selection of papers referring to Coronavirus 19 disease to identify mentions of diseases, signs and symptoms.
- [Coronavirus Vaccine Tracker](#) summarizes the status of all the vaccines that have reached trials in humans.

Events

EVBC does not endorse any of the listings and is only involved in events marked as **EVBC Events**.

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ESCV Virtual Meeting on COVID-19

09 September 2020 [online](#) | [free of charge](#)

The ESCV is organizing a timely, virtual, meeting focusing on COVID-19 which will showcase the latest and most pertinent topics in COVID-19 and open them up for discussion.

