**EVBC Newsletter**
**Special Issue • SARS-CoV-2 • September 2020**

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


Severe COVID-19 is Marked by a Dysregulated Myeloid Cell Compartment. Now published in *Cell* 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


Virucidal efficacy of different oral rinses against SARS-CoV-2. *J Infect Dis* 10.1093/infdis/jiaa471


Molecular Tracing of SARS-CoV-2 in Italy in the First Three Months of the Epidemic. Now published in *Viruses* 10.3390/v12080798

Comprehensive Analyses of SARS-CoV-2 Transmission in a Public Health Virology Laboratory. *Viruses* 10.3390/v12080854


**Reviews**


**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

A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model. *bioRxiv* 10.1101/2020.08.15.252320


Experimental infection of cattle with SARS-CoV-2. *bioRxiv* 10.1101/2020.08.25.254474


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**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.

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**Events**

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

Subscribe to EVBC Event Calendar 🌐

**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.