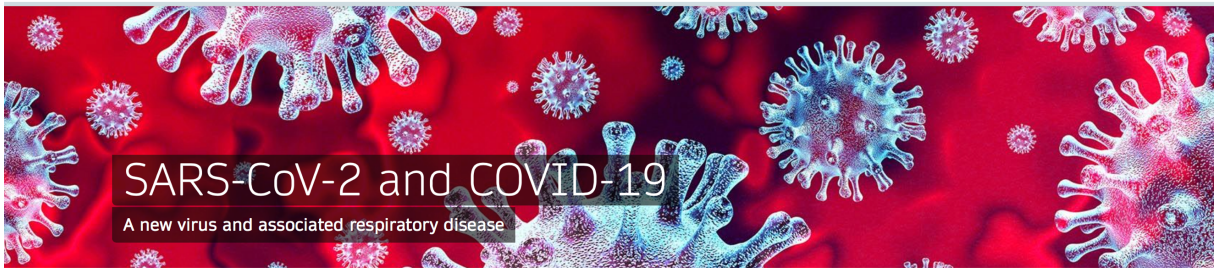

SARS-CoV-2 is a new virus responsible for an outbreak of respiratory illness known as COVID-19, which has spread to several countries around the world. As a leading research publisher, Springer Nature is committed to supporting the global response to emerging outbreaks by enabling fast and direct access to the latest available research, evidence, and data.

Below are related research articles from our journals, as well as additional commentary on this topic and relevant books. All content listed here is free to access. If you are not able to access an article that you believe to be important in both understanding and addressing this emergency, please contact our customer services team.

Springer Nature encourages early sharing of research submitted to all our journals through preprints, and our In Review preprint service is available for many journals. We strongly urge authors submitting articles related to this emergency to share underlying datasets relating to the outbreak as rapidly and widely as possible.

We continue to work with global organisations to support the sharing of relevant research and data, including supporting the World Health Organisation and the initiative from the White House Office of Science and Technology to make all relevant global research, and data, immediately available in one place via PubMed Central. We are also a signatory on the consensus statement, Sharing research data and findings relevant to the novel coronavirus (COVID-19) outbreak.

Read the latest content

Characteristics of pediatric SARS-CoV-2 infection and potential evidence for persistent fecal viral shedding
Nature Medicine

Breadth of concomitant immune responses prior to patient recovery: a case report of non-severe COVID-19
Nature Medicine

Q&A: The novel coronavirus outbreak causing COVID-19
BMC Medicine

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A pneumonia outbreak associated with a new coronavirus of probable bat origin
from *Nature*

A new coronavirus associated with human respiratory disease in China
from *Nature*

A mouse model for MERS coronavirus-induced acute respiratory distress syndrome
from *Nature Microbiology*

Structural basis for human coronavirus attachment to sialic acid receptors
from *Nature Structural & Molecular Biology*

Cryo-EM structures of MERS-CoV and SARS-CoV spike glycoproteins reveal the dynamic receptor binding domains
from *Nature Communications*

Virus goes viral: an educational kit for virology classes
from *Virology Journal*

Structural, glycosylation and antigenic variation between 2019 novel coronavirus (2019-nCoV) and SARS coronavirus (SARS-CoV)
from *VirusDisease*

miRNA repertoire and host immune factor regulation upon avian coronavirus infection in eggs
from *Archives of Virology*

Development of a rapid and sensitive europium (III) chelate microparticle-based lateral flow test strip for the detection and epidemiological surveillance of porcine epidemic diarrhea virus
from *Archives of Virology*

Stepping up infection control measures in ophthalmology during the novel coronavirus outbreak: an experience from Hong Kong
from *Graefe's Archive for Clinical and Experimental Ophthalmology*

SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target
from *Nature Communications*

Structural definition of a neutralization epitope on the N-terminal domain of MERS-CoV spike glycoprotein
from *Nature Communications*

Protective efficacy of a novel simian adenovirus vaccine against lethal MERS-CoV challenge in a transgenic human DPP4 mouse model
from *npj Vaccines*

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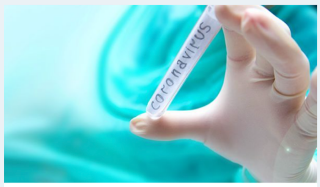
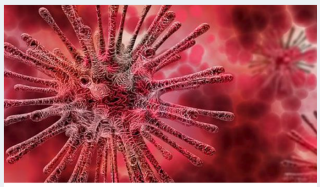


Preparing for Coronavirus to Strike the U.S.

Coronavirus Is a Reminder: The Best Defense against a New Viral Outbreak Is Early Detection



Novel Coronavirus (2019-nCoV): Where are we now, and where should we be going?

Additional Resources

Nature Briefing

Get a free daily update on COVID-19, plus a selection of the most important non-coronavirus science news and insight. All science, no drama – direct to your email inbox every weekday.

Research Data Support

To support the rapid and wide dissemination of research during the coronavirus (COVID-19) outbreak, Springer Nature authors can use our Research Data Support service for COVID-19 data at no cost.

AdisInsight

AdisInsight provides you with profiles of the drug development programs actively investigating treatments for Coronavirus and summaries of the clinical trials being conducted for those drugs. AdisInsight is committed to making current information about drug development worldwide available to help the medical community accelerate treatments for disease including the latest Coronavirus outbreak.

External resources

Online Coronavirus Dashboard

WHO- Novel coronavirus (2019-nCoV)

SARS-CoV-2 Preprints

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