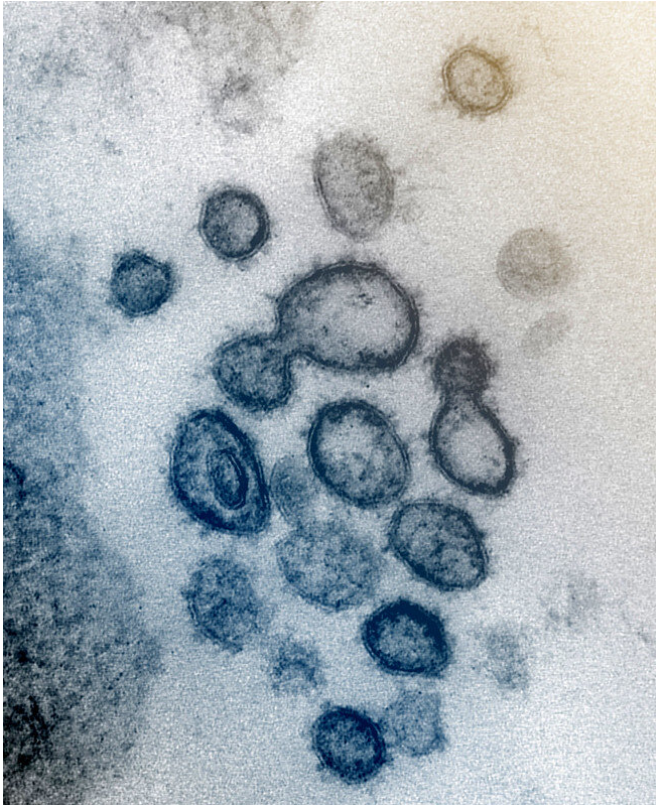


China embarks on clinical trial for virus vaccine

22 March 2020



This transmission electron microscope image shows SARS-CoV-2 -- also known as 2019-nCoV, the virus that causes COVID-19 -- isolated from a patient in the US. Virus particles are shown emerging from the surface of cells cultured in the lab. The spikes on the outer edge of the virus particles give coronaviruses their name, crown-like. Credit: NIAID-RML

China has started the first phase of a clinical trial for a novel coronavirus vaccine, records show, as the world's scientists race to find a way to combat the deadly pathogen.

It comes after US health officials said last week they had started a trial to evaluate a possible [vaccine](#) in Seattle.

The Chinese effort began on March 16—the same day as the US announcement—and is expected to continue until the end of the year, according to a filing in the country's Clinical Trial Registry, dated March 17.

"Volunteers of the COVID-19 phase one trial have already started receiving the vaccine," a staff member involved in the government-funded project told AFP on Sunday.

The 108 participants, aged between 18 and 60, will be tested in three groups and given different dosages. They are all residents of the central city of Wuhan—where the new [coronavirus](#) first emerged late last year.

As the COVID-19 pandemic rages and governments step up protection measures, [pharmaceutical companies](#) and research labs around the world are working at full tilt.

There are currently no approved vaccines or medication for the new disease, which has killed more than 13,000 people worldwide so far.

The vaccine trial announcements come amid an escalating feud between the US and China over the pandemic, with President Donald Trump enraging Beijing by speaking of the "Chinese virus".

China's nationalistic Global Times published an opinion piece last week noting "the development of a vaccine is a battle that China cannot afford to lose".

But the quest is expected to take time—the US candidate vaccine may take another year to 18 months before becoming available.

An antiviral treatment called remdesivir, made by US-based Gilead Sciences, is already in the final stages of clinical trials in Asia and doctors in China have reported it has proven effective in fighting the

disease.

But only randomised [trials](#) will allow scientists to know for sure if it really helps or whether patients would have recovered without it.

© 2020 AFP

APA citation: China embarks on clinical trial for virus vaccine (2020, March 22) retrieved 15 September 2022 from <https://medicalxpress.com/news/2020-03-china-embarks-clinical-trial-virus.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.