

# EU watchdog reviewing SK Chemicals anti-Covid jab

August 18 2022

---

The European medicines watchdog said Thursday it was reviewing German-based pharmaceutical SK Chemicals' coronavirus vaccine which uses nanotechnology to combat the virus, amid concern of a possible comeback later in the year.

If eventually approved, the vaccine called Skycovion will be the seventh jab to join the European Union's growing toolkit, although other vaccines are also currently being reviewed.

The Amsterdam-based EMA's human medicines committee "has started a review of a conditional marketing authorisation application for Skycovion, a vaccine for protecting against COVID-19," it said.

SK Chemicals GmbH "has submitted data on how well the vaccine triggers the production of antibodies against the original strain of SARS-CoV-2, the [virus](#) that causes COVID-19," the EMA added in a statement.

The vaccine works with [nanoparticles](#) that contains parts of the spike protein found on the coronavirus' surface.

"When a person is given the vaccine, their [immune system](#) is expected to identify the nanoparticles containing parts of the spike protein as foreign and produce natural defences—antibodies and T cells—against them," the EMA said.

Later, if the person is in contact with the virus, the immune system will recognise the spike protein on the virus and attack it.

The vaccine also contains an "adjuvant", a substance to help strengthen the [immune response](#) to the [vaccine](#), the EMA said.

Currently, the EU has approved vaccines by AstraZeneca, Janssen, BioNTech-Pfizer, Moderna, Novavax and Valneva, although the latter has suspended production.

Milder, but more infectious than earlier types of the COVID virus, the BA.4 and BA.5 types, have helped to drive a wave of new cases of the disease in Europe and the United States, the number of cases is dropping off.

European nations are now starting to look ahead to the autumn and winter season, when cases are expected to peak once more.

© 2022 AFP

Citation: EU watchdog reviewing SK Chemicals anti-Covid jab (2022, August 18) retrieved 7 May 2023 from <https://medicalxpress.com/news/2022-08-eu-watchdog-sk-chemicals-anti-covid.html>

<p>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.</p>
--