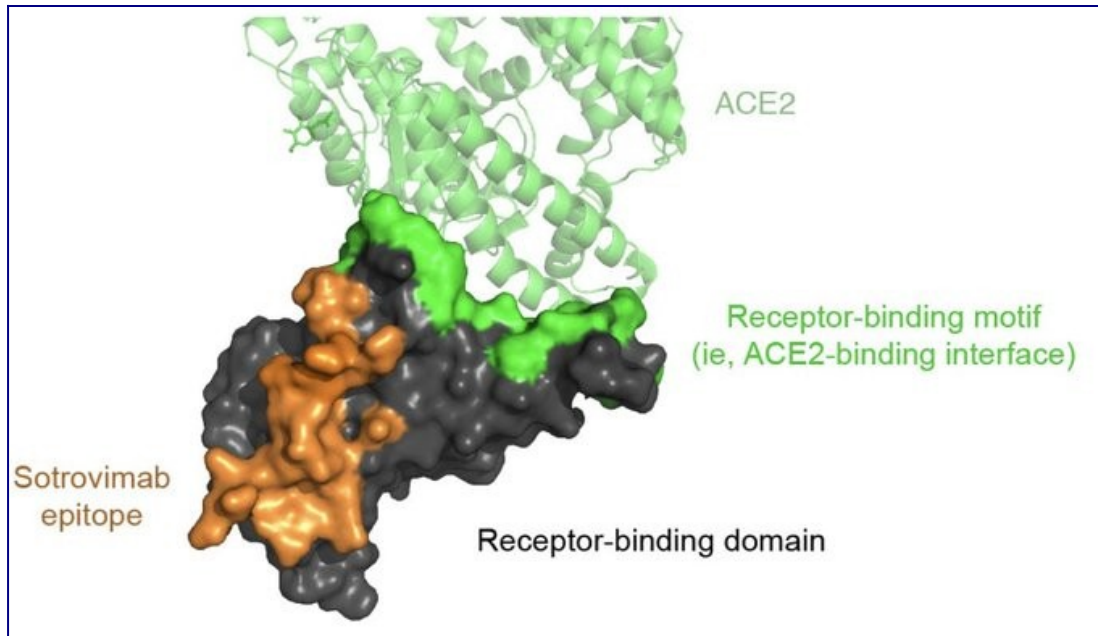


Omicron Infects Black Friday

11-26-2021

A67V - **B.1.525 et al.**
Δ69-70 - **S-gene target failure, Alpha**
T95I - **Delta**
G142D/Δ143-145 - **Delta**
Δ211/L212I
ins214EPE
G339D - near mab binding
S371L - near mab binding
S373P - near mab binding
S375F - near mab binding
K417N - **Beta**
N440K - **B.1.628**
G446S
S477N - predicted ACE2 binding
T478K - **Delta**
E484A - **key RBD site**
Q493K
G496S
Q498R - predicted ACE2 binding
N501Y - **Alpha, Beta, Gamma RBD**
Y505H
T547K
D614G - **everywhere**
H655Y - **Gamma**
N679K - **Gamma sub-lineage**
P681H - **Alpha furin cleavage**
N764K
D796Y
N856K
Q954H
N969K
L981F

Of all the Omicron spikes only the green has been identified in current vaccines. The red spikes show that it has sampled all existing Covid spikes.



Sotrovimab is a therapeutic antibody. An experts' comment:
 "Finally S477N and Q498R, predicted in an experimental evolution paper to substantially increase ACE2 binding together with N501Y, but only seen in the wild separately or rarely. Seeing this full combination now (along with everything else) is grim."

The Covid 19 outbreak was originally said to have begun in early 2020 before the first case was traced to December 2019. After several months the world understood its severity and had one of its 'grand coming together in the interest of humanity' meeting. Billions were doled out to pharmaceutical companies to develop and produce vaccines. A special program was planned for the billions living in poorer regions that would not be able to obtain the vaccine on their own. The rich and powerful congratulated themselves.

But the pandemic went on. The variety and virulence of the virus caused complications. The state of humanity and the economies of nations weakened. Richer nations of millions reserved billions of vaccine doses for their own people. The major vaccine makers refused to relinquish their private ownership right to make and sell the vaccine even though most of the development occurred in publicly funded labs. All this is permitted by capitalist states even though the pandemic cannot be terminated unless the majority of the population is treated with a vaccine.

And so the well-to-do celebrate life in desperate isolation, as in the Masque of the Red Death, while common folk disappear in silence. We may need a 'vaccine' that can determine right from wrong before this hellish existence ends.

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