



FILL IN THE GAPS WITH A WORD FROM THE LIST BELOW.
THERE ARE 5 WORDS YOU WILL NOT NEED.

ACROSS	ALREADY	ALTHOUGH	ARRESTED
BORNE	DEEP	DOWN	FOE
INNER	ONLINE	ONLY	RIDE
SHIFT	STILL	THOUGH	TO
UNINTENTIONALLY	WHEEZING		

No one knows for sure where the virus came from. It could have been the murky depths of one of the hundreds of bat caves scattered China. Carried inside a bat on a nightly sojourn, the virus may have jumped to another wild animal, perhaps one of those sold in the wet markets in the region. It's also possible SARS-CoV-2, the virus that causes COVID-19, slipped out of a lab at the Wuhan Institute of Virology, unbeknownst to the researchers studying bat- coronaviruses, who were perhaps infected by the very thing they were trying to learn how to defend against. In either case, it had to in something. A virus, being just a bundle of genetic material wrapped in a bundle of proteins, needs the machinery of a living thing to reproduce. It's in the dark caverns of bodies that it continues to shape, finding new ways to spread and thrive.

as the virus emerges from the shadows of these favored havens does it confront its most formidable foe: the scientists quietly awaiting it. [...] About a month after the first cluster of patients appeared in a Wuhan hospital, the entire genome of the responsible coronavirus—30,000 specific nucleotides—had been sorted, identified and posted

Two weeks later, designs were already being keyed into machines to create a vaccine that would unlock a world that had not even locked yet.

Later, as countries went into lockdown, we continued to assume progress, to regard vaccines as our

Except there was nothing inevitable about them. The vaccines that first the spread of COVID-19—and that will almost surely be adjusted to thwart the Omicron variant and future mutations—were never a foregone conclusion. Far from it. They were, after all, produced by human beings, subject to the vagaries of systems and doubt. There were times in their careers when, in the work that would ultimately rescue humanity, Kizzmekia Corbett, Barney Graham, Katalin Kariko and Drew Weissman felt as the problems they faced were ones they alone cared about solving. But exposing the workings of how viruses survive and thrive is what made the COVID-19 vaccines possible.

[...]

Adapted from: *Vaccine Scientists: Heroes of the Year 2021* | Time