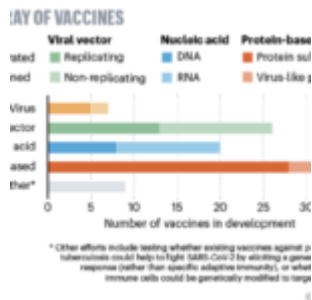


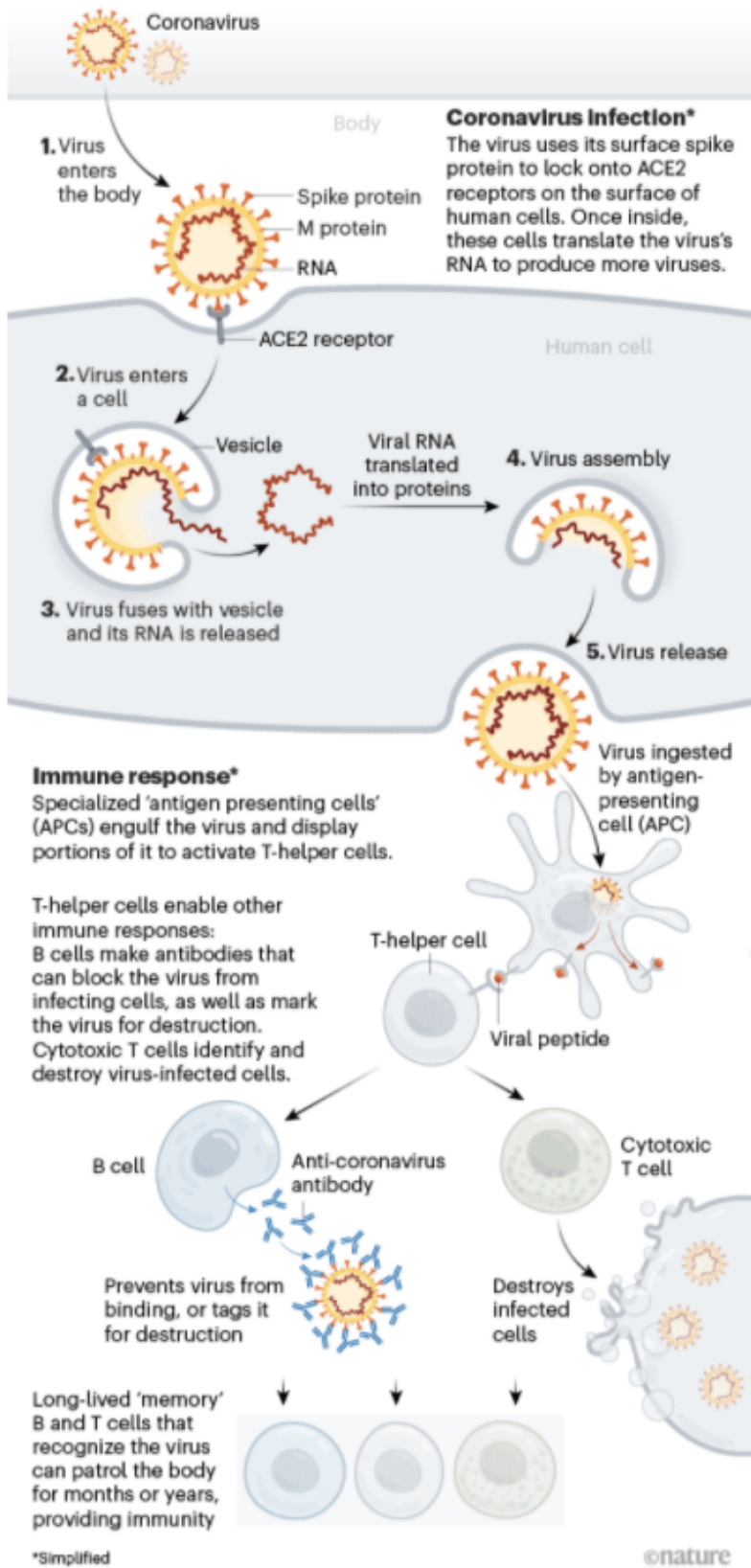
# An inventory of the vaccine candidates to SARS-CoV-2



Over 90 vaccine candidates are being developed as part of the global response to the COVID-19 pandemic. A snapshot of the eight different ways to elicit host immunity with vaccines under development is given in a guide by Ewen Callaway in a recent Nature article. Candidates can take the form of inactivated virus, viral vectors, nucleic acid, protein/peptide based and virus like particles. Some have already entered phase I and others remain in the exploratory stage. There is also a concerted effort to form public-private partnerships to speed up the process.

## VACCINE BASICS: HOW WE DEVELOP IMMUNITY

The body's adaptive immune system can learn to recognize new, invading pathogens, such as the coronavirus SARS-CoV-2.



Graphics: Nik Spencer/Nature

Source: Callaway 2020 Nature

## References

- Callaway 2020. [The race for coronavirus vaccines: a graphical guide.](#) Nature
- Thanh Le et al., 2020. [The COVID-19 vaccine development landscape.](#) Nature

*Article by Clive Gray*