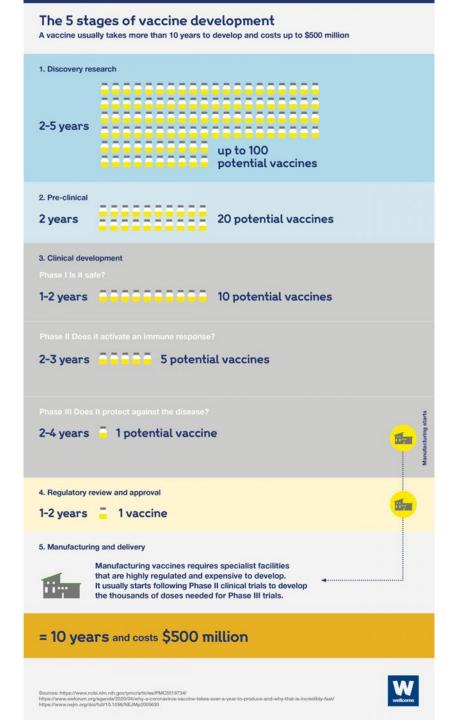
Development of COVID 19 Vaccine



Developing a COVID-19 vaccine at speed

1. Discovery research A few months ==== up to 100 potential vaccines 2. Pre-clinical A few months or skipped altogether 3. Clinical development 3 months 555555555 10 potential vaccines 8 months = = = = 5 potential vaccines narrowed down to 1 4. Regulatory review and approval 3 months = 1 vaccine 5. Manufacturing and delivery Manufacturing capacity will have to be developed from the outset of the process to be able to produce the billions of doses of COVID-19 vaccine the world needs.

Sources: https://apps.who.int/gpmb/assets/pdf/COVID_19_Press_Release_GPMB_9Mar.pdf https://www.weforum.org/agenda/2020/04/why-a-coronavirus-vaccine-takes-over-a-year-to-produce-and-why-that-is-incredibly-fast/ https://www.nejn.org/doi/full/10.1056/NEJMp2005630



VARIOUS COVID 19 VACCINE TIMELINE

