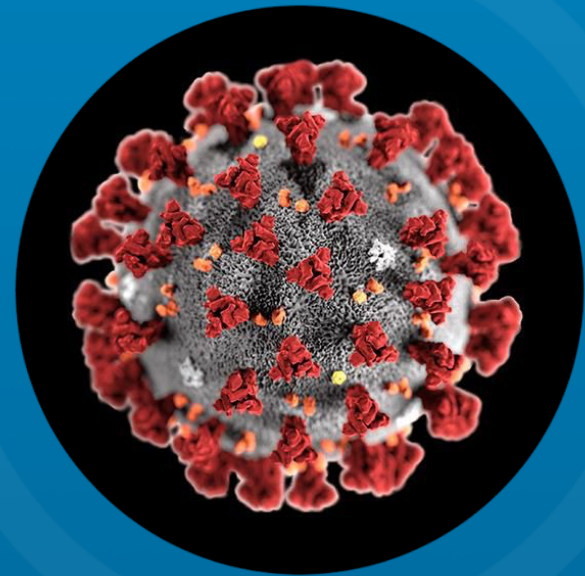


UPDATE – profil du SARS-CoV-2

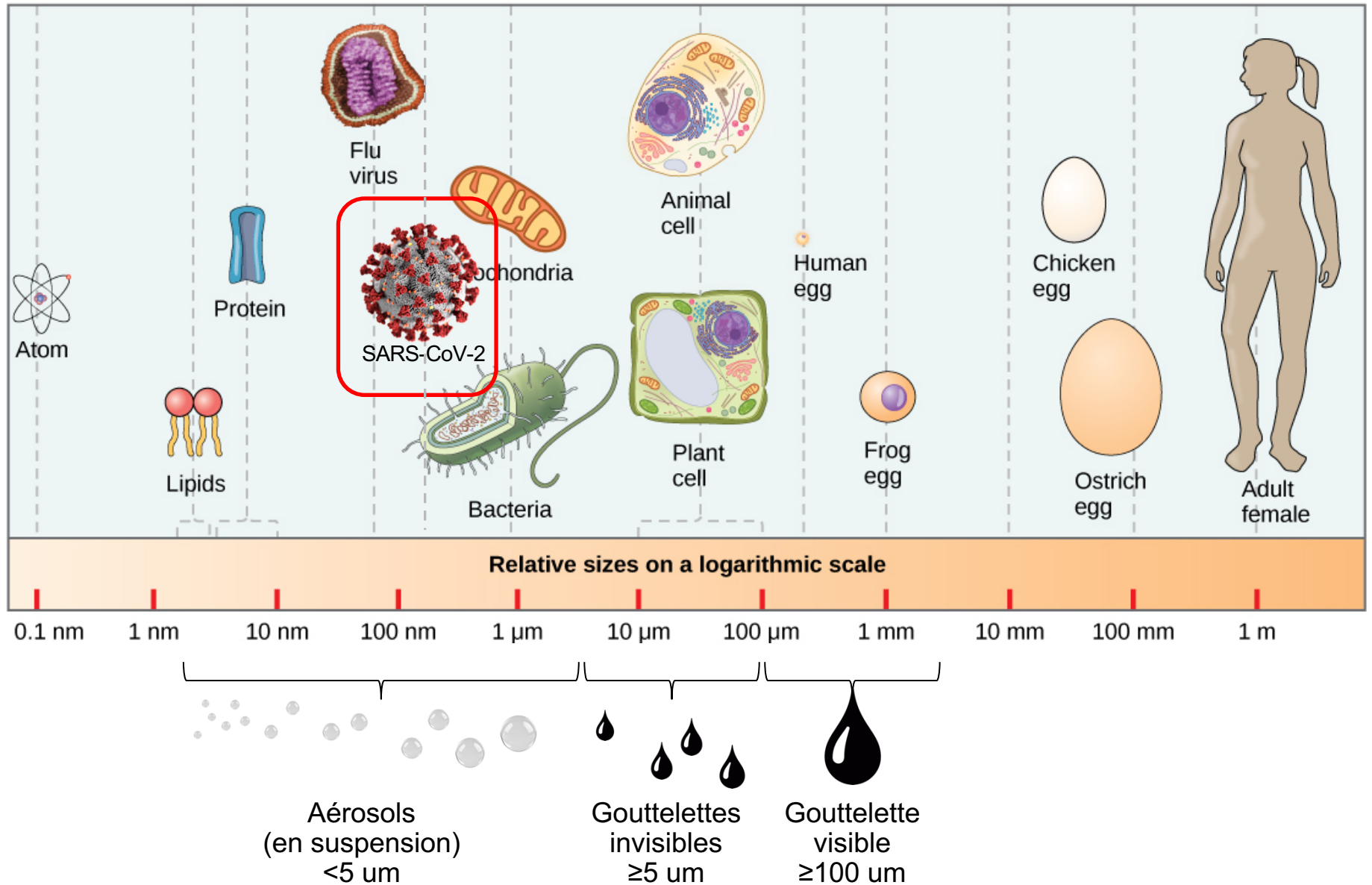
Prof. Paul VAUCHER



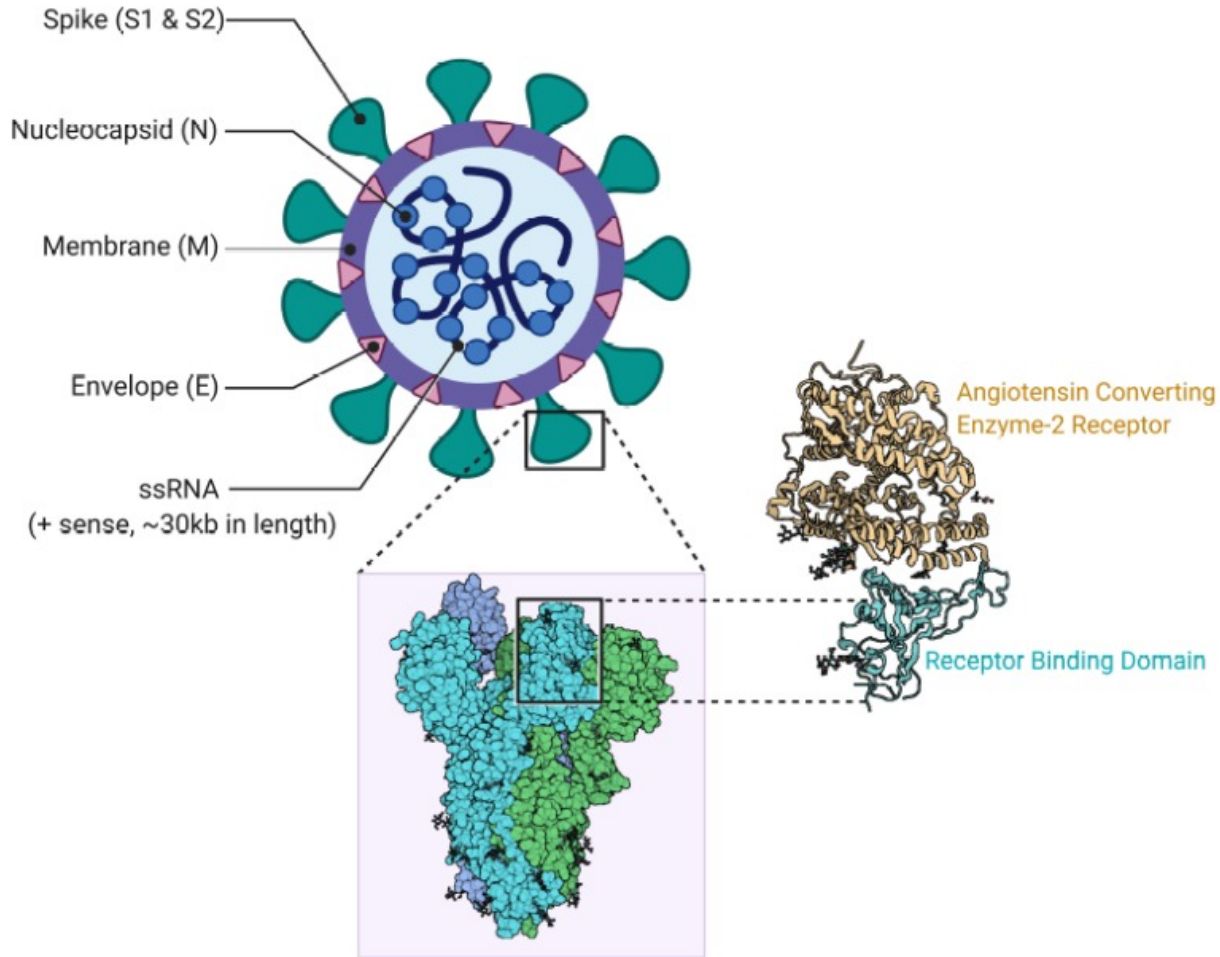
Le SARS-CoV-2

Taille du virus

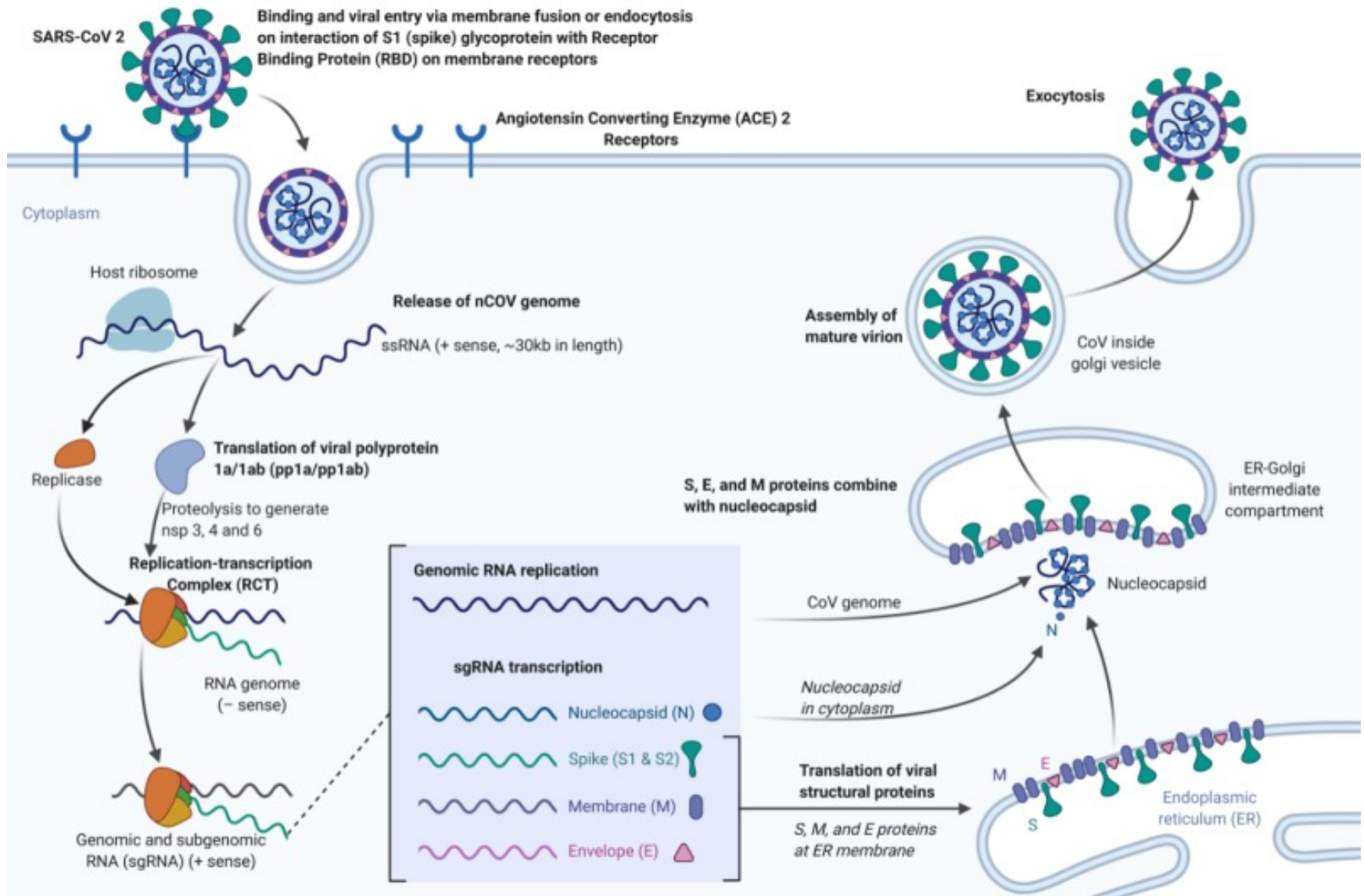
Modifié depuis une illustration de Laurene Bauch



SARS-CoV 2 Structure

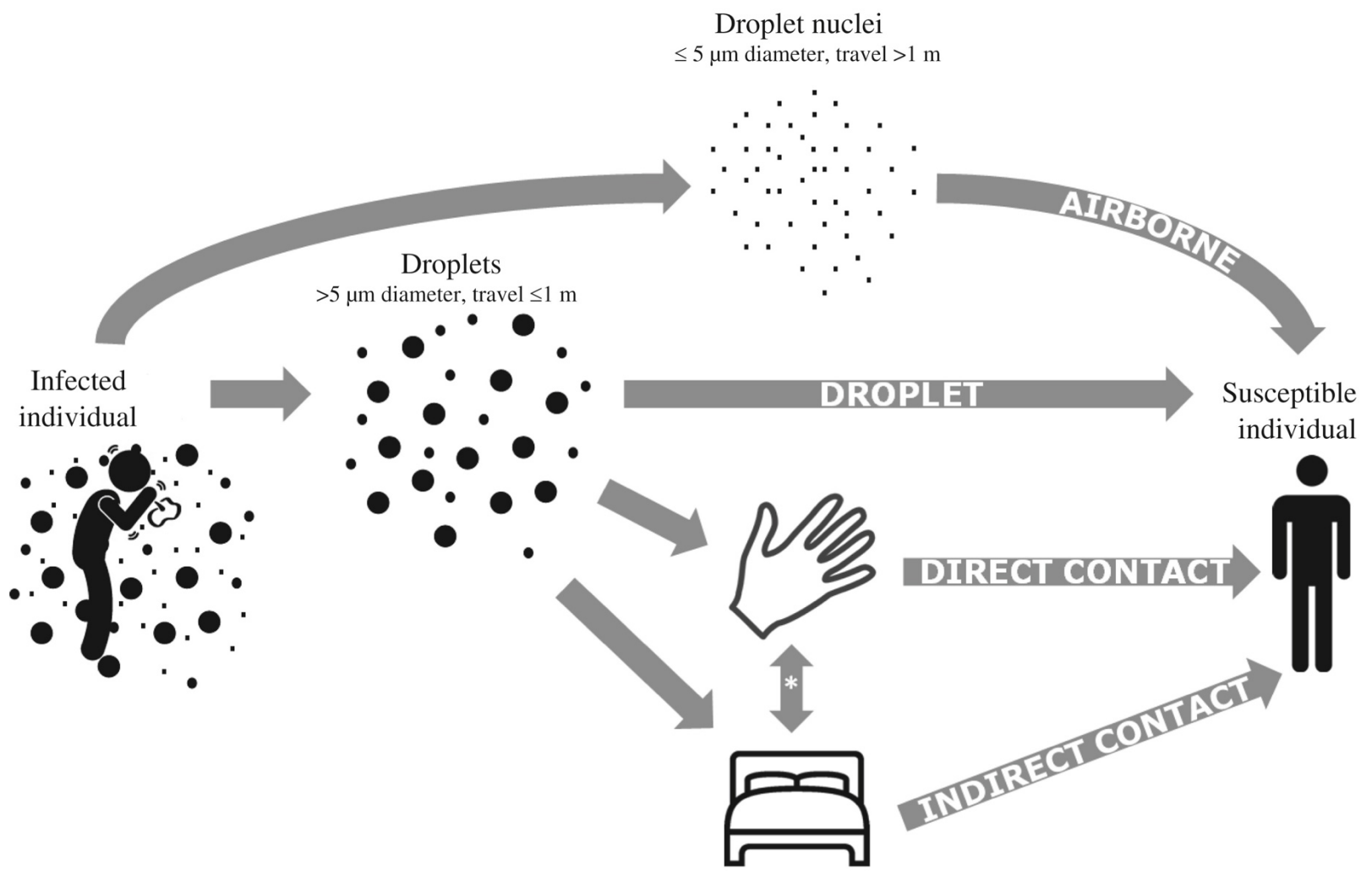


Cascella et al. *StatPearls*. 2020; PMID: 32150360

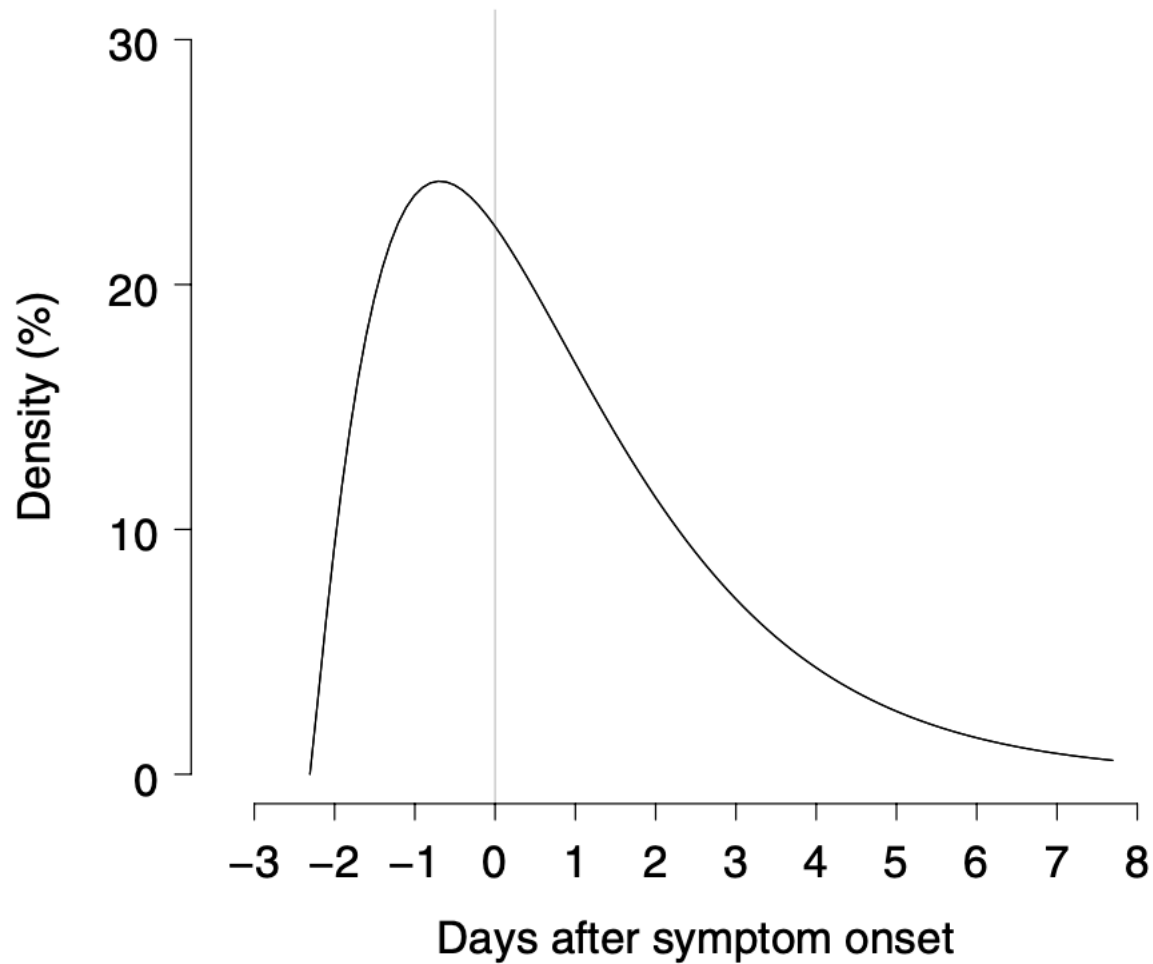


Cascella et al. *StatPearls*. 2020; PMID: 32150360

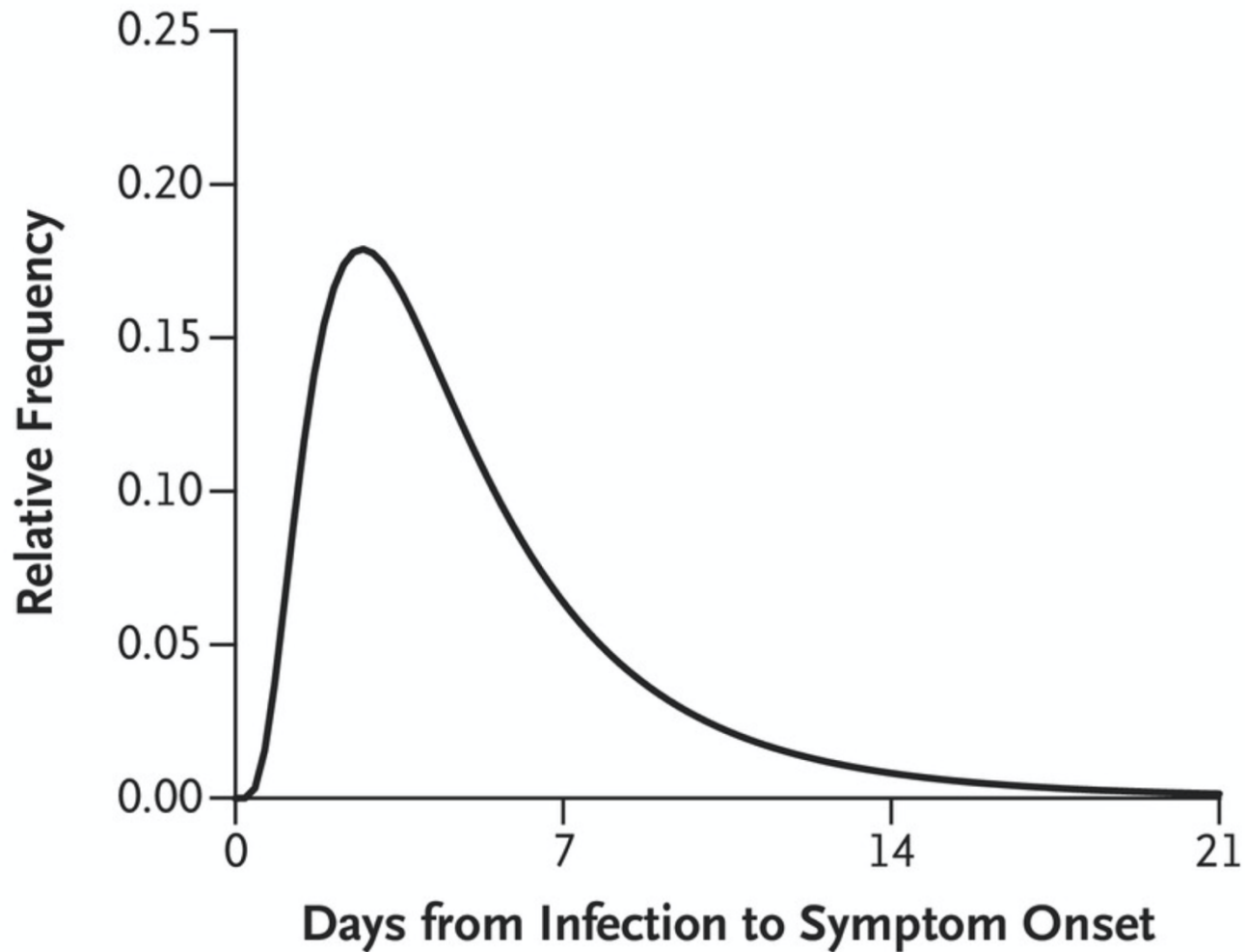
Mode de transmission



Otter et al. *J Hospital Infection*. 2015; doi:10.1016/j.jhin.2015.08.027



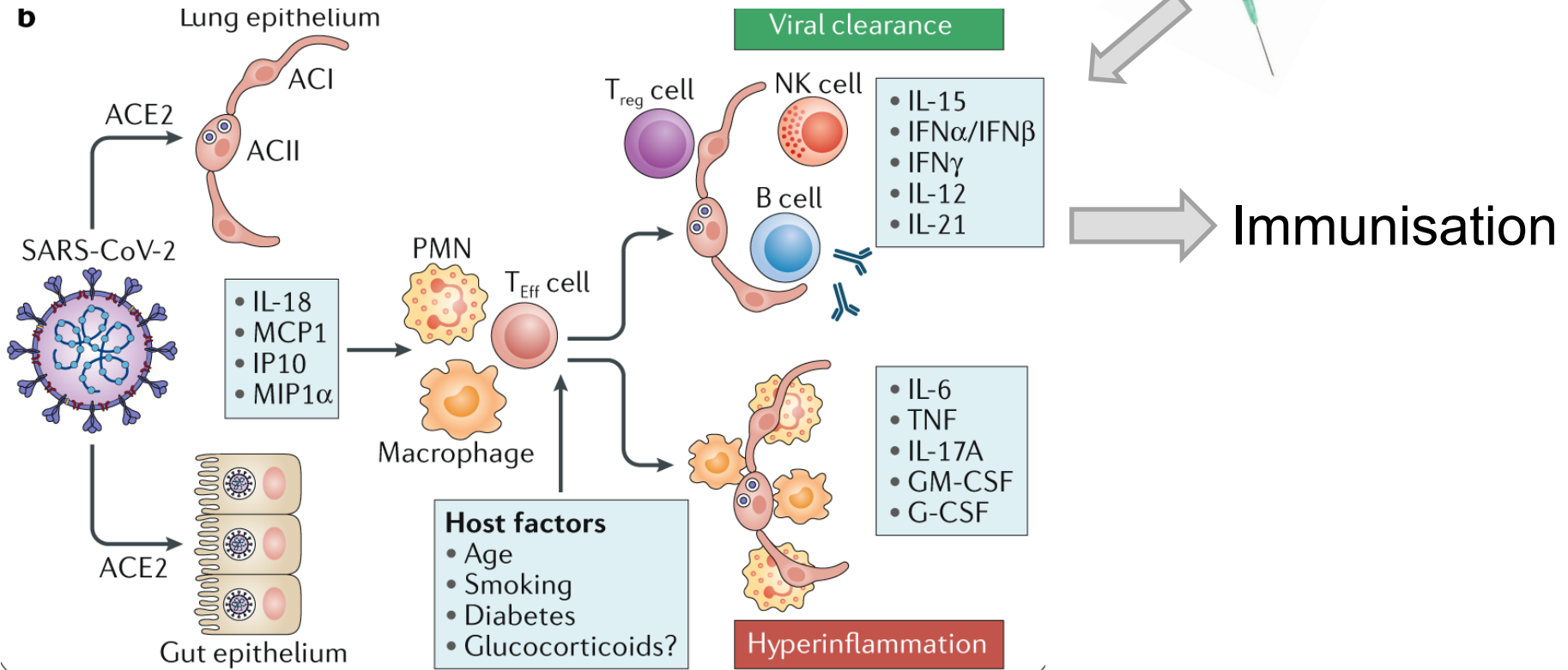
He et al. *Nature Medicine*. 2020; doi:10.1038/s41591-020-0869-5



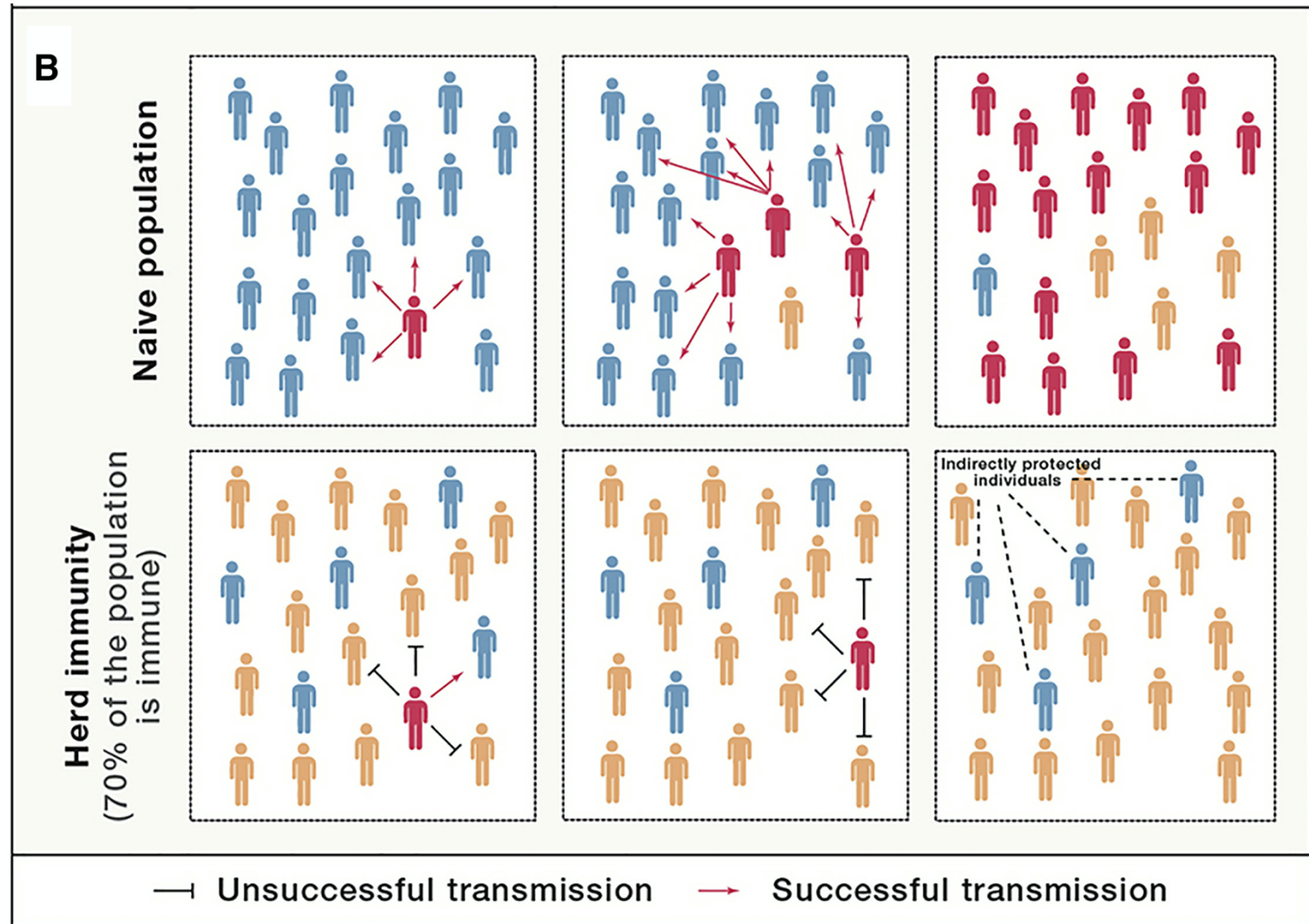
Li et al. *NEJM*. 2020; doi:10.1056/NEJMoa2001316



Immunisation

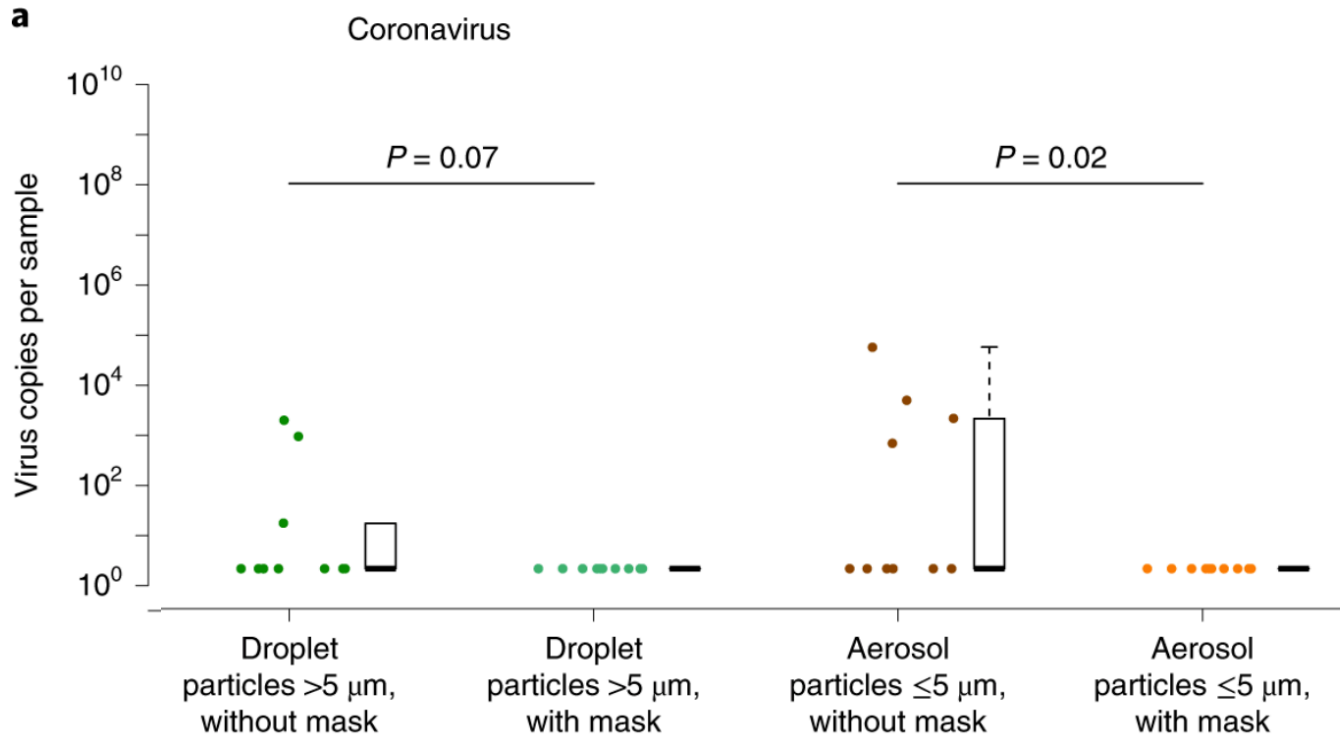


Schett et al. *Nature Reviews Immunology*. 2020; doi:10.1038/s41577-020-0312-7



Randolph & Barreiro. *Immunity*. 2020; doi:10.1016/j.immuni.2020.04.012

Implications pratiques

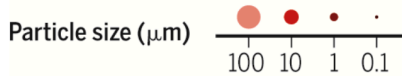


Leung et al. Nature Medicine. 2020; doi:10.1038/s41591-020-0843-2

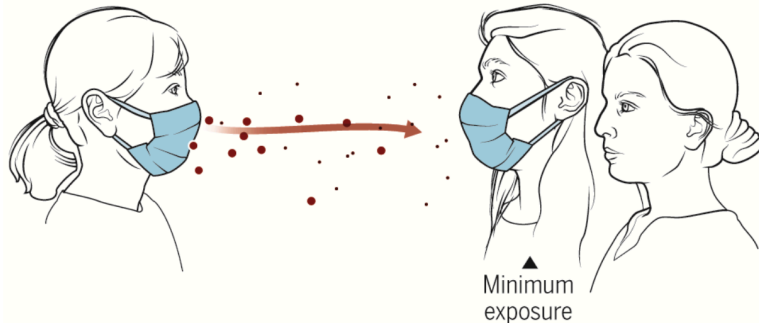
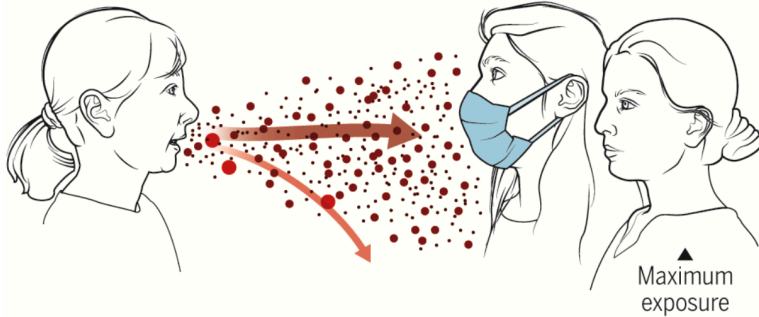
Brainard et al. In Press. 2020; <http://medrxiv.org/lookup/doi/10.1101/2020.04.01.20049528>

Masks reduce airborne transmission

Infectious aerosol particles can be released during breathing and speaking by asymptomatic infected individuals. No masking maximizes exposure, whereas universal masking results in the least exposure.



Infected, asymptomatic



GRAPHIC: V. ALTOUNIAN/SCIENCE

Wearing masks to limit the spread of COVID-19

Social distancing and good hand hygiene are the most important methods of preventing coronavirus transmission, but wearing masks in public can limit the spread of COVID-19 by people who have the virus.

Many types of masks can be made at home using fabric, T-shirts, or bandanas.



How to properly wear a mask

1 Wash your hands with soap and water for at least 20 seconds before putting on mask.

2 Secure mask ties behind your ears or head without touching your face.

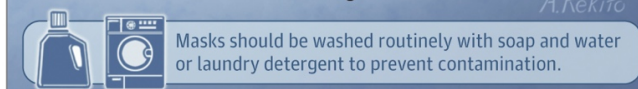


3 Do not touch your face or front of mask while wearing.

4 When removing, release ear loops or ties without touching your face or mask.



5 Wash your hands with soap and water for at least 20 seconds after removing mask.



A.Rekito

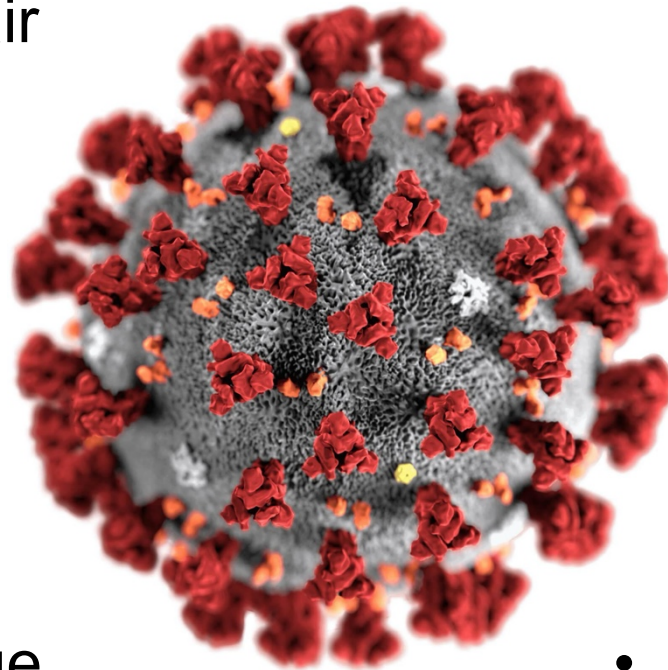
Prather et al. Science: 2020, doi:10.1126/science.abc6197
Desai & Arnoff. JAMA. 2020; doi:10.1001/jama.2020.6437



Vuorinen et al. In Press. 2020: [video](#)
Van Doremalen et al. NEJM. 2020; doi:10.1056/NEJMc2004973

Conclusion

- Renouveler l'air



- Adapter notre comportement aux circonstances

- Instaurer une distance physique...
masque = exception

- Changer nos habitudes

Moment de réflexions, d'échanges et de partage...

Contact information

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