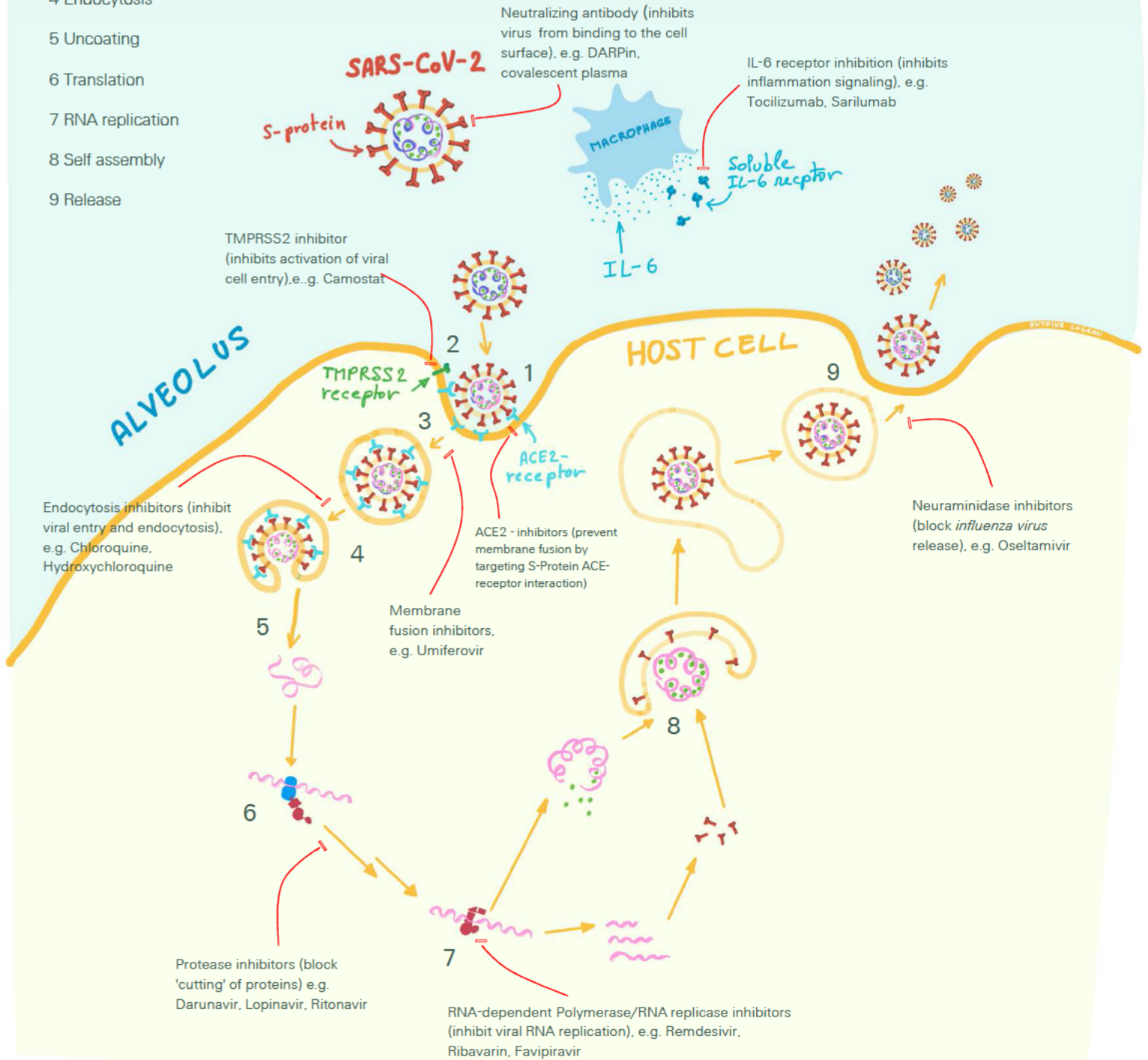


Viral lifecycle and potential drug targets

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)

A simplified representation

- 1 Virus - cell docking
- 2 Activation
- 3 Membrane fusion
- 4 Endocytosis
- 5 Uncoating
- 6 Translation
- 7 RNA replication
- 8 Self assembly
- 9 Release



The graphic represents viral replication within target cells and immune system response. Proposed targets of select repurposed and investigational products are noted.

ACE2: angiotensin-converting enzyme 2

IL-6: interleukin 6

S protein: spike protein

TMPS2: type 2 transmembrane serine protease

Illustration: Antoine Logean