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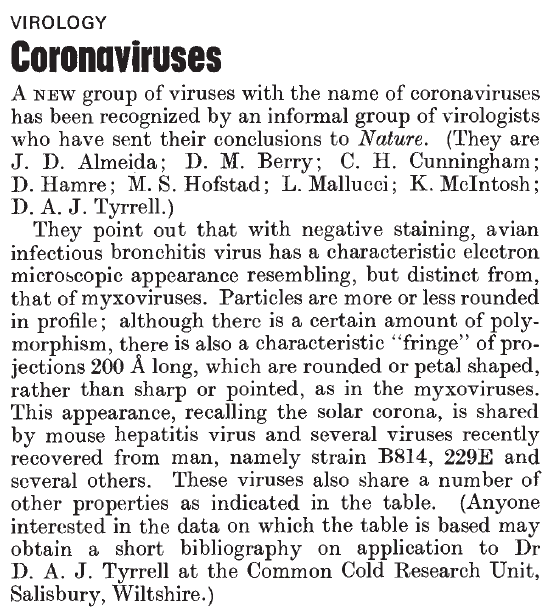
[2. measles R0 numbers 15](#_Toc45700638)

# Scientific papers

List will be periodically updated.

## Coronavirus review papers

#### 1968 - Discovery of Corona



#### 1974 Monto - review of corona

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2595130/pdf/yjbm00155-0028.pdf>

#### 1975 Coronaviridae. Tyrrell DA, Almeida JD, Cunningham CH, Dowdle WR, Hofstad MS, McIntosh K, Tajima M, Zakstelskaya LY, Easterday BC, Kapikian A, Bingham RW.

<https://www.ncbi.nlm.nih.gov/pubmed/1184350>

#### Intervirology. 1978;10(6):321-8. Coronaviridae: second report. Tyrrell DA, Alexander DJ, Almeida JD, Cunningham CH, Easterday BC, Garwes DJ, Hierholzer JC, Kapikian A, Macnaughton MR, McIntosh K.

<https://www.ncbi.nlm.nih.gov/pubmed/213397>

#### 1979 Characterization of coronaviruses 1-s2.0-0042682279904689-main

#### 1979 Robb and Bond - Pathogenic murine coronaviruses 1-s2.0-0042682279904677-main

<https://www.sciencedirect.com/science/article/pii/0042682279904677>

#### 1980 Siddell - Biochemistry of coronaviruses

<https://www.ncbi.nlm.nih.gov/pubmed/7039259>

#### 1981 Biochemistry and Biology of Coronaviruses V. ter MeulenS. SiddellH. Wege

<https://link.springer.com/content/pdf/10.1007%2F978-1-4757-0456-3.pdf>

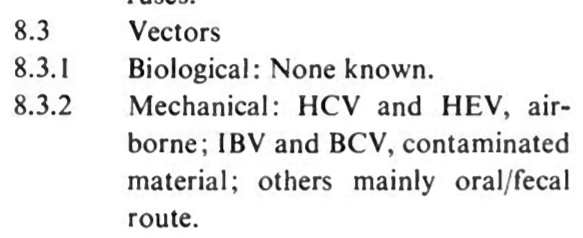
#### 1981 Mahy 1981 - Biochemistry Of Coronaviruses

<https://www.ncbi.nlm.nih.gov/pubmed/6300299> <https://www.microbiologyresearch.org/content/journal/jgv/10.1099/0022-1317-64-4-761>

#### 1983 Siddell - Biology of coronaviruses (J Gen Virol) - JV0640040761

#### 1983 Siddell - Coronaviridae (Intervirology)

<https://www.ncbi.nlm.nih.gov/pubmed/6654644>



#### 1983 Sturman

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7131312/pdf/main.pdf>

#### 1990 Callow - The time course of the immune response to experimental coronavirus infection of man - about immunity

K. A. CALLOW'\*, H. F. PARRY2, M. SERGEANT1 AND D. A. J. TYRRELL'

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2271881/pdf/epidinfect00023-0213.pdf>

#### 2006 Coronaviruses

Adv Virus Res. 2006;66:193-292.

The molecular biology of coronaviruses.

Masters PS1.

#### 2010 Infectious Diseases book - Schaffer et al “Respiratory chapter” <https://www.sciencedirect.com/science/article/pii/B9780323045797001623>

#### 2012 Virus taxonomy book <https://www.sciencedirect.com/science/article/pii/B9780123846846000689>

#### 2012 Virology book - Korsman “Human coronaviruses”

<https://www.sciencedirect.com/science/article/pii/B9780443073670000409>

#### 2015 Anthony R. Fehr and Stanley Perlman, M.D., Ph.D - Coronaviruses: An Overview of Their Replication and Pathogenesis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4369385/>

#### 2018 - Advances in Virus Research - M.Corman et al - Chapter Eight - Hosts and Sources of Endemic Human Coronaviruses

Volume 100, 2018, Pages 163-188

Advances in Virus Research

#### 2019 Fung - How Coronavirus Interacts with Host

Fig 1:

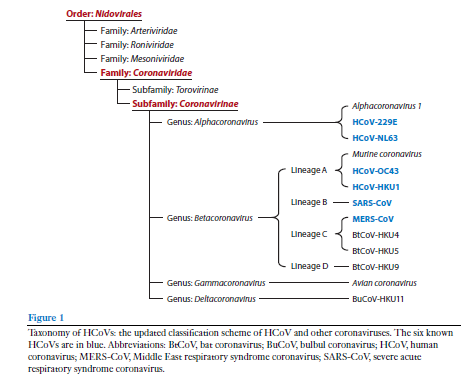


Fig 2:

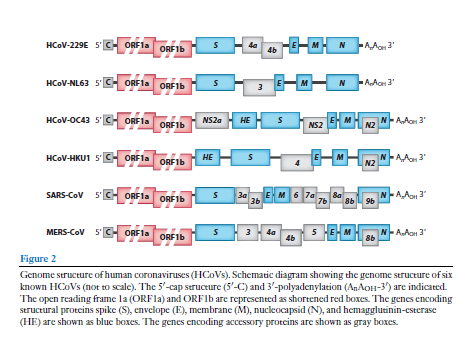


Fig 3 - Replication cycle:

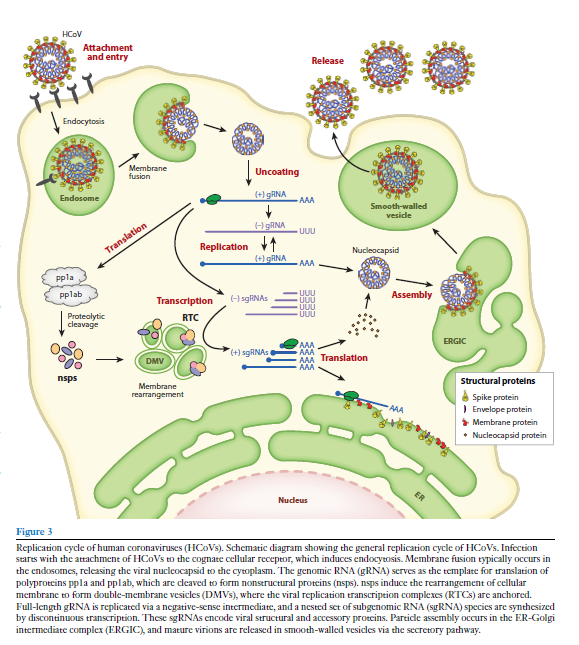


Fig 5:

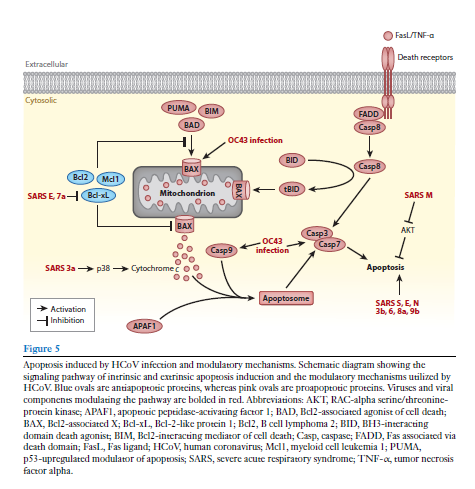


Fig 6:

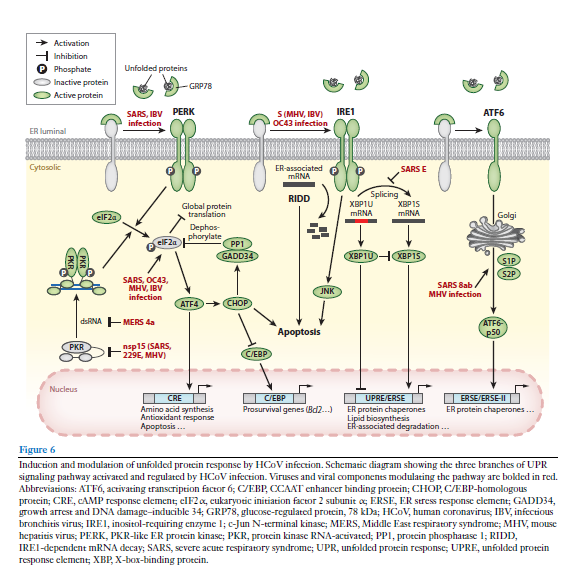


Fig 7:

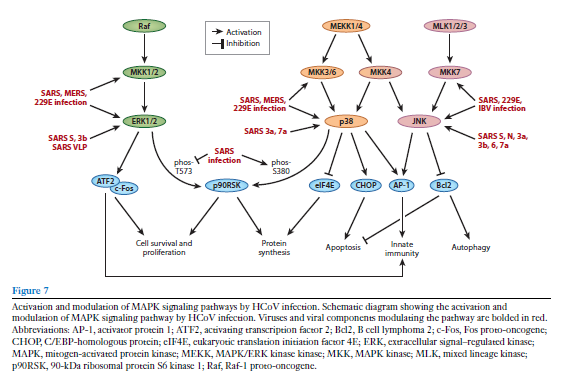
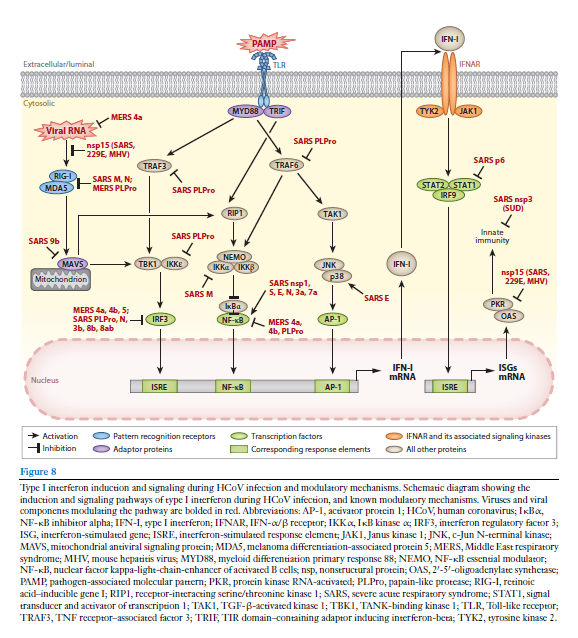


Fig 8:



## references about masks

## Air cabins / airplanes

#### <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1600-0668.2012.00773.x>

#### Large rate of attack of flu on airplane grounded three hours with no air circulation

Am J Epidemiol

. 1979 Jul;110(1):1-6. doi: 10.1093/oxfordjournals.aje.a112781.

An outbreak of influenza aboard a commercial airliner

M R Moser, T R Bender, H S Margolis, G R Noble, A P Kendal, D G Ritter

PMID: 463858 DOI: 10.1093/oxfordjournals.aje.a112781

## Air travel / quarantine

#### REVIEW

<https://www.who.int/bulletin/volumes/92/12/BLT-14-135590-table-T3.html>

#### The effect of travel restrictions on the spread of a moderately contagious disease

<https://pubmed.ncbi.nlm.nih.gov/17166291/>

#### 2006 Empirical evidence for the effect of airline travel on inter-regional influenza spread in the United States

<https://pubmed.ncbi.nlm.nih.gov/16968115/>

### SARS2 articles:

<https://pubmed.ncbi.nlm.nih.gov/32019667/>

<https://pubmed.ncbi.nlm.nih.gov/32144116/>

#### WHO should be able to impose sanctions on states that ban travel to countries with epidemics, panel says

<https://pubmed.ncbi.nlm.nih.gov/26001562/>

#### 2020 Travel restrictions hampering SARS2 response

<https://pubmed.ncbi.nlm.nih.gov/32334692/>

# measles R0 numbers

2017 Guerra

<https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(17)30307-9/fulltext>

