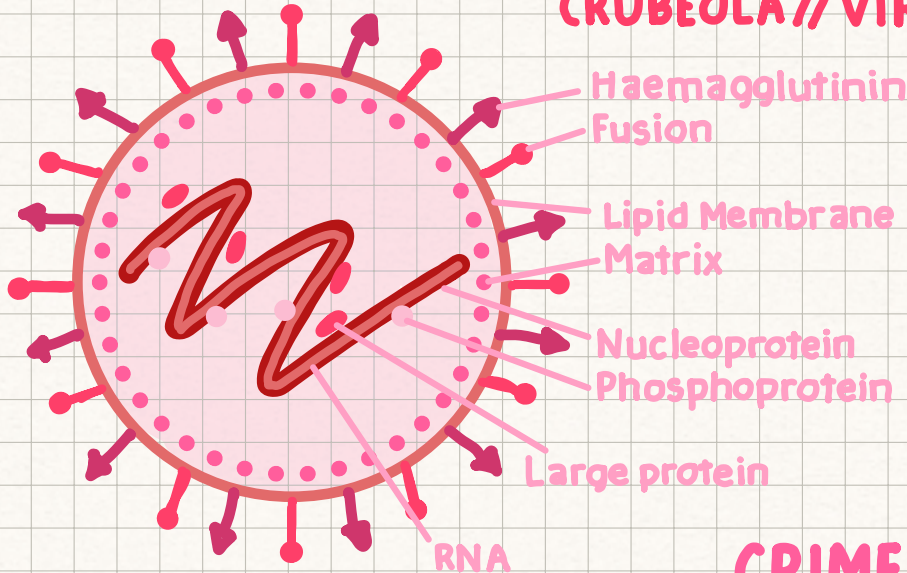


WANTED!

measles

(RUBEOLA//VIRUS)



ATTACKS:

- when u breathe in the virus, it goes into ur lungs, where it's taken up by cells from the body's immune system
- attacks respiratory system, immune system, and skin
- transmitted thru. coughing + sneezing

CRIME:

- 1st sign is usually high fever
- initial stage: runny nose, cough, red + watery eyes, small white spots in cheeks
- rash develops on face/neck + spreads, eventually reaching hands/feet (5-6 days)
- death, blindness, encephalitis, diarrhea, ear infections, + pneumonia are possible, too

VICTIMS:

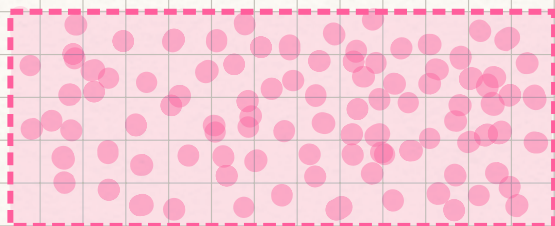
- unvaccinated children/pregnant woman r most at risk
 - ↳ kids younger than 5
 - ↳ adults older than 20
- health care workers r among those at highest risk as well

HIDEOUT:

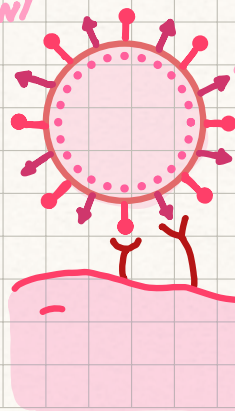
- common in Europe, the Middle East, Asia, the Pacific, + Africa
- outbreaks typically occur in late winter/early spring (in temperate climates)
- in tropics: irregular association w/ rainy seasons

WEAPONS:

- routine vaccination for children + mass immunization campaigns in high case countries
 - ↳ MMR vaccine
- rest + stay hydrated
- fever reducers, antibiotics, vitamin A



measles rash



H protein (in trachea/bronchi)

• binds to:

- ↳ CD46 (on all nucleated cells)
- ↳ SLAM (B/T cells, APCs)
- ↳ NECTIN-4

epithelial cell