

Micro-lec 3

Rabies

- Negative sense it can't replicate by itself
Need positive sense RNA to replicate
- Glycoprotein gives it bullet shape
- Single antigenic type>>>> have immunity from it
- Replicate "first" inside skin, muscles, inside muscle cell
- The second replication in brain
 - Inside the cell "cytoplasmic" > Negri's bodies>>> good indication for the disease
- Mucous membrane has less incidence to cause the disease
- More than one year >>> rare
- In head and neck bites >> less occupation period >> because a lot of nerves
- we do reverse transcription because it has RNA and then proceed to do PCR
- immediately>> passive immunity
- passive immunity In wounds to prevent it to move to neurons
- passive immunity in gluteal muscle >> systemic prevention of the disease
- active immunity could work cause it has one type

arboviral encephalitis

- flue like disease
- arthropod>> like mosquitos
- equine >> horses
- dengue fever in india more common

prions

- not a virus, its a protein to be come effective it has to fold and has a dimension
- Mutations in this protein cause a spongy like protein
- fatal diseases
- no immune response
- it can be transmitted or the mutation happens in the brain
- Iatrogenic >> something has that protein on it like scrubs
- bovine means cows