

Viruses Affecting Nerves

8-15-87

1) Retrovirus Inducing Neurological Disease RNA Viruses

1) HTLV-III (AIDS) Man

2) Visna (Chronic Pleuro Cell) Sheep (Not only)
~~Statens Nord~~

3) Ca B/E 104LV Neurology Man

4) Maedi Sheep

5) CAEV (Caprine Arthritis) goat
encephalitis vis

2) DNA Viruses
a) WME-MLV
b) Polio Virus
c) Rabies (RNA Virus grown in cytoplasm)
d) Sarbeco

1) FCV

10) Serotype

2) Mengo Virus (Highly Neurotropic Virus)
Infects NG108-15 cells
W18

3) EMC (Encephalomyocarditis Virus)
Infects NG108-15
W18

SU-40 (Genus) / Herpes Simplex Virus Encey
Herpes

3) Oncogenes

c-erb

Brain + + + 2
1/0

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1) Idea: Possible Problems

Prepare nuclear ~~of~~ ^{of} ~~from~~
diff lines or diff types of cell lines
& compare protein levels to
virulence ~~data~~ - look for diff

a) No good

2) Need to start with viral enhance
region (5') (for Promoter Region of
oncogenes & ~~genes~~)

- 1) ~~Adenovirus~~ is ~~the~~ ~~best~~ ~~thing~~ ~~to~~ ~~use~~ ~~Neurospora~~
- 2) Viral Virus ~~infects~~ ~~characteristics~~ Polyoma Virus ~~Neurospora~~
- 3) ~~Compare~~ ~~with~~ ~~Neurospora~~ ~~with~~ ~~Neurospora~~

1) Maldi
Caer