BE. 440

20 October 2004

Essigmann

TOPIC: How does virus infection induce IFN?

[more slides from Klimstra presin.]

Virus & ds RNA as Interferon Inducers

B is induced before a (we know this blc of knockout mice)

a genes divided nto 2 groups: mmediate & delayed

Virus & de RNA as Type I Interferon Inducers

different receptor pathways are specialized for different responses

\$7300 = ereb binding protein + creb

Activated IRF-3 Induces Mare than Just the IFN Genes

Poly 1:C:

= adenosine deammasc

If you rapidly deaminate adenines, it will be devastating to the RNA in the cell. But: we can use it in a very site-specific way to do selective activation of genes.