





Sucquibility to TB:

Susceptibility to TB

-Acquired Immune suppression

-HIV infection- loss of CD4 T cells, 10%/year get TB

-Diabetes- macrophages are suppressed. 3x higher rate

-'Biologicals'= TNF inhibitors

-Other immune suppressive drugs, i.e. after organ transplantation, anti-

cancer chemotherapy

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-Mandelian susceptibility to mycobacterial infection ((and c Defects) -- IFN-gamma signalling (receptor 1 and 2) 7

-Concurrent helminth infection (induce IL-4, IL-5, IL-10, IL-13, and

-IL-12 (IL-12p40 or receptor beta 1)

these asog!

-NFkB kinase (NEMO)- reduced TLR and TNF activation

Soil (Suppress THI Response)

regulatory T cells, which suppress TH1 cells).

Age, especially <5yrs, or old age

Malnutrition -Alcoholism

-Smoking

IL-13 (CDV+ >TM) IL-L (cost > Tha)