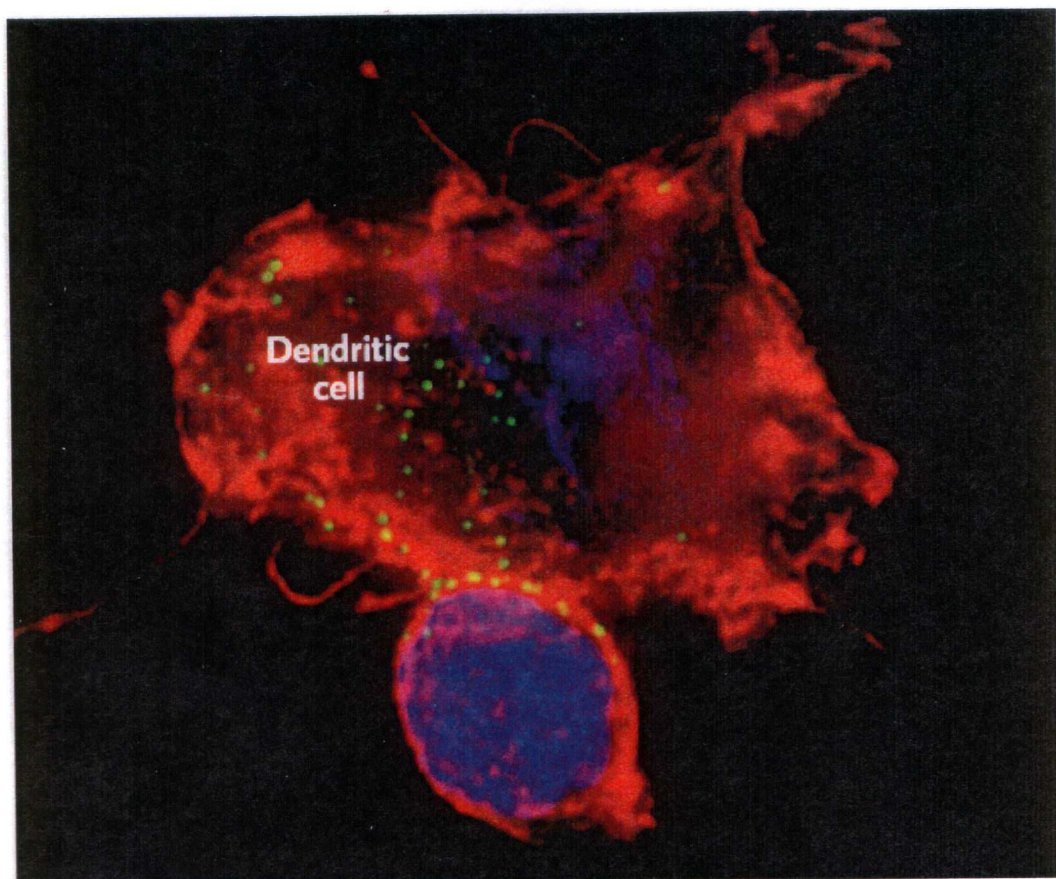


E.M. Dax
Fluorescence
Microscopy
3.0



3.1 **Figure 2.** Dendritic Cell Enhancement of HIV Infectivity.

The recruitment of virus (green-fluorescent-protein-labeled HIV^{LAI}, depicted as green dots) to sites of cell-cell interaction suggests a mechanism by which dendritic cells enhance viral infectivity as virus particles cluster along the surface between the dendritic cell and the CD4+ T cell (blue areas denote DNA, and red areas actin). Concomitantly, HIV receptors travel to this site, enabling HIV particles to travel between cells. The large surface area of the dendritic cells may enable as many particles as possible to gather at the interface. Image kindly provided by Thomas Hope.

Stebbing et al, NEJM 2004

CD4 cell

blue square DNA