

FIGURE 20-1 The effect of a confocal pinhole aperture on photon-collection efficiency in the presence of a strongly scattering specimen. (a) In the two-photon case, there is no pinhole and the large detector collects both deflected and undeflected photons. (b) In the confocal case, the deflected photons are blocked by the pinhole.

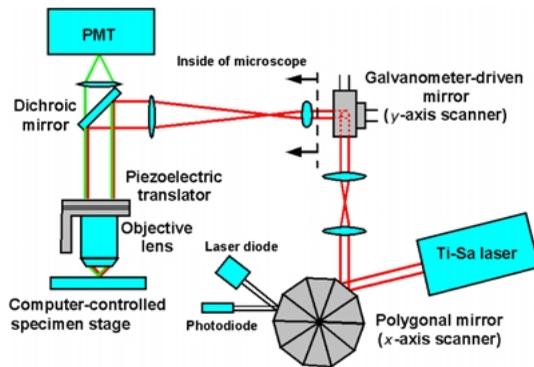


FIGURE 20-4 The schematics of a video-rate two-photon microscope based on a polygonal scanner.