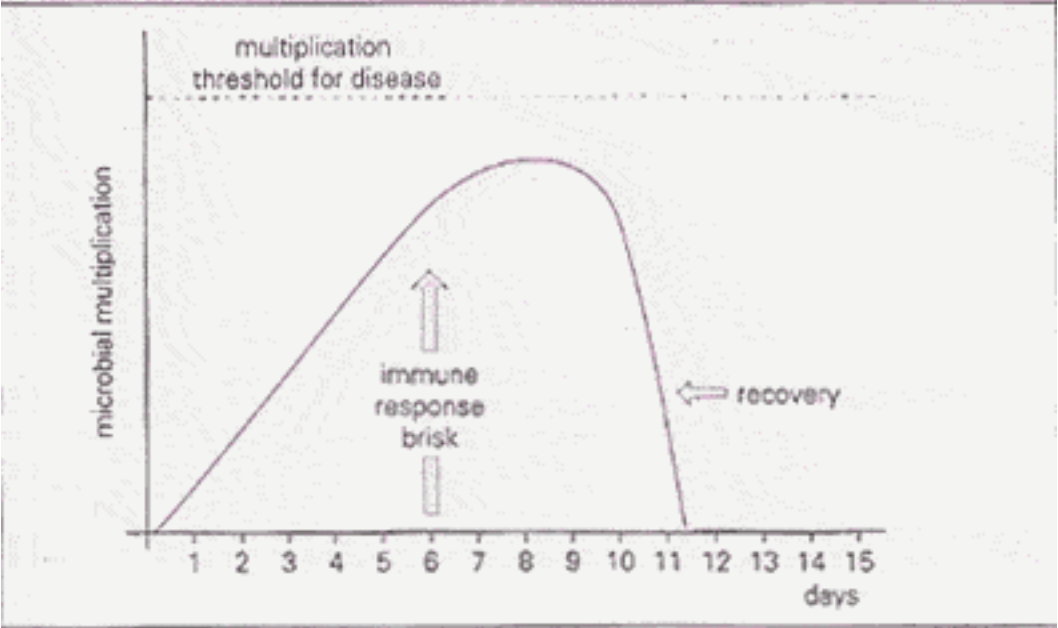
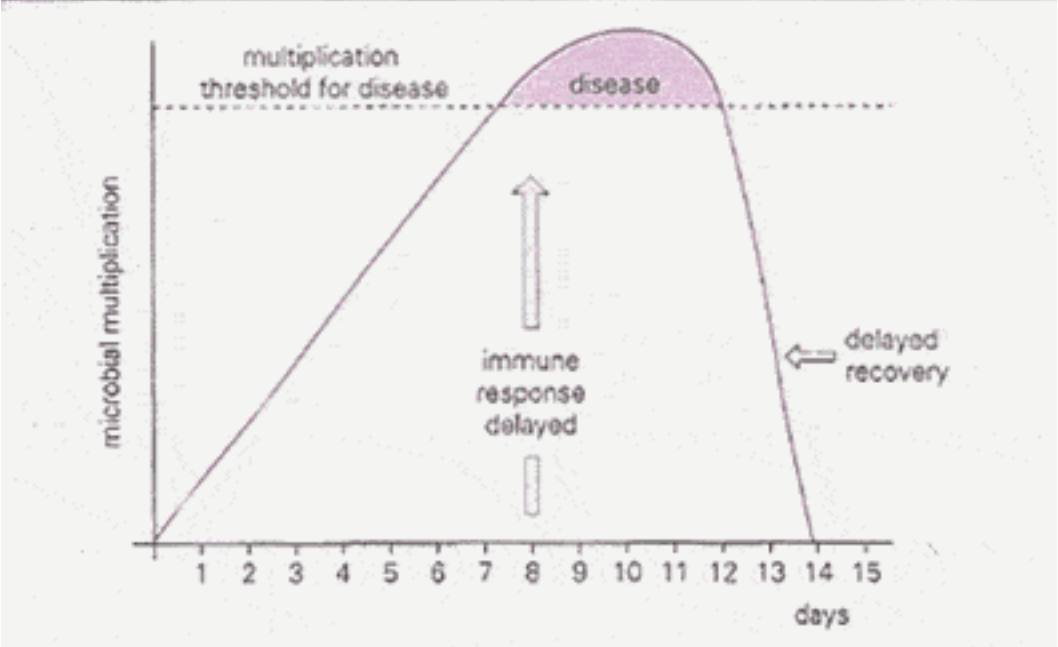


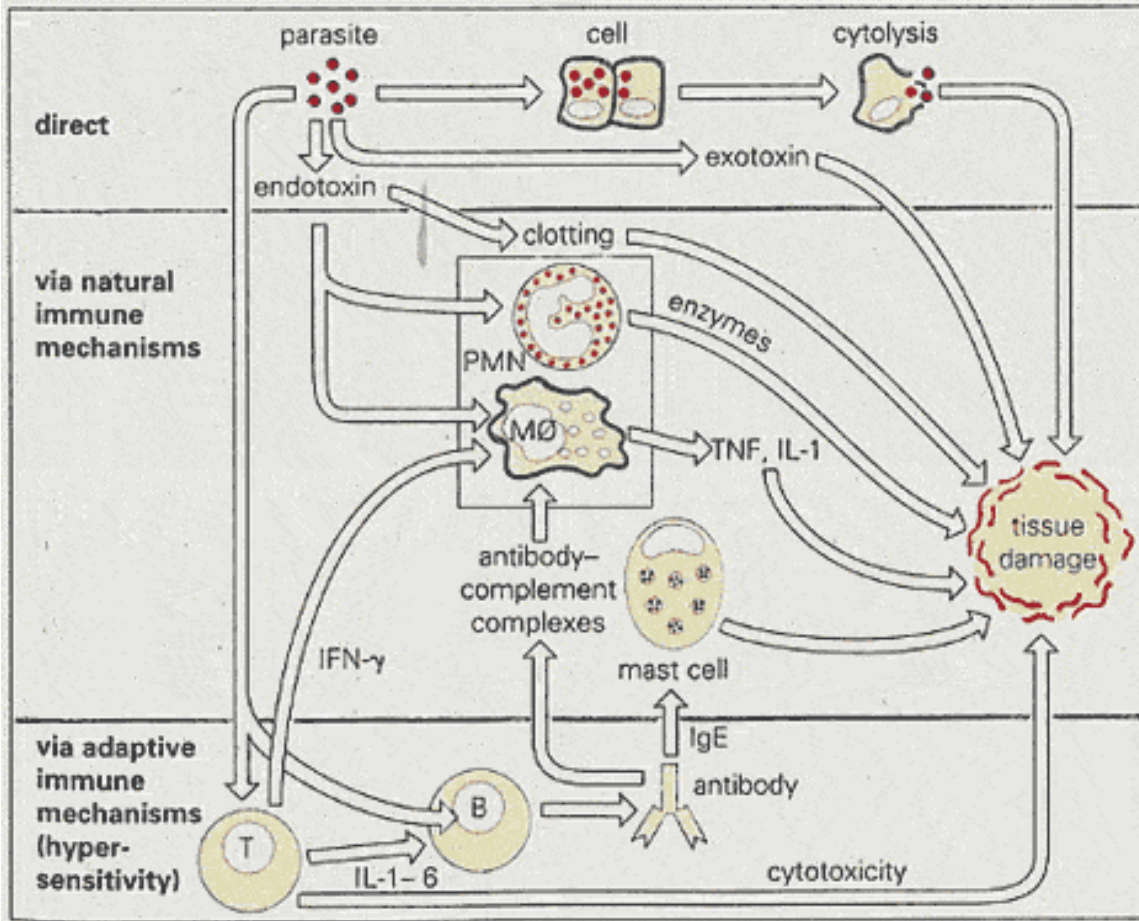
11a

early response - no disease

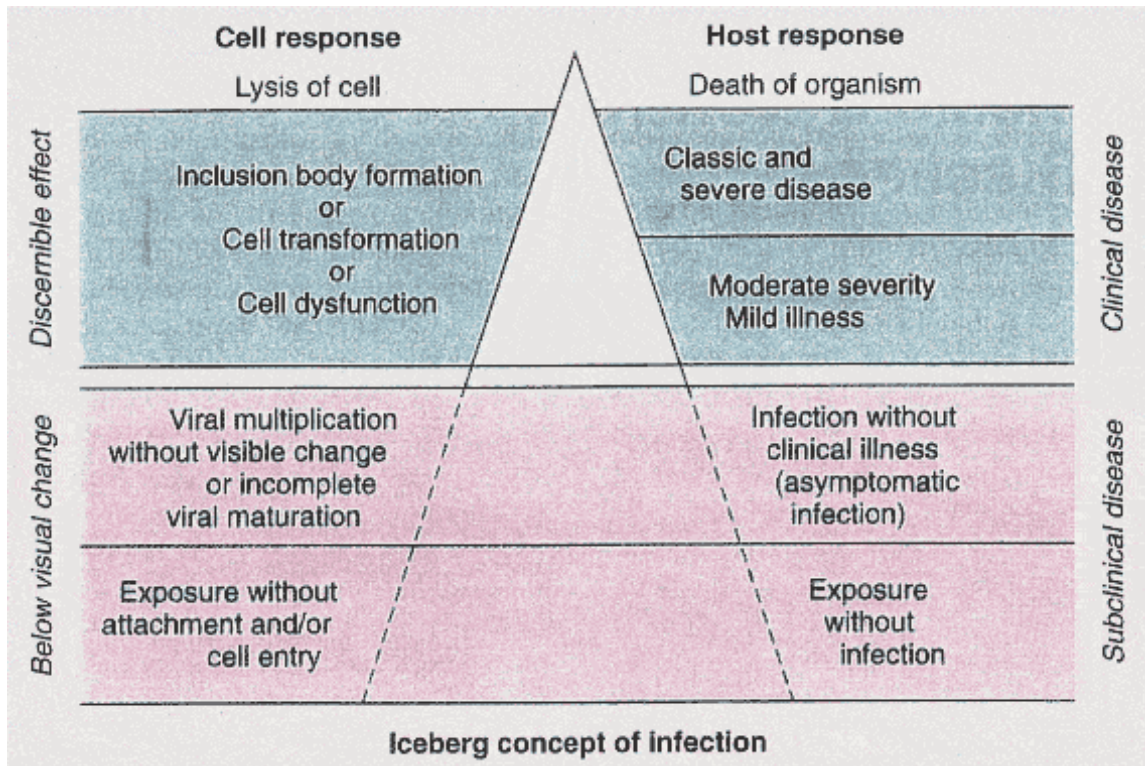


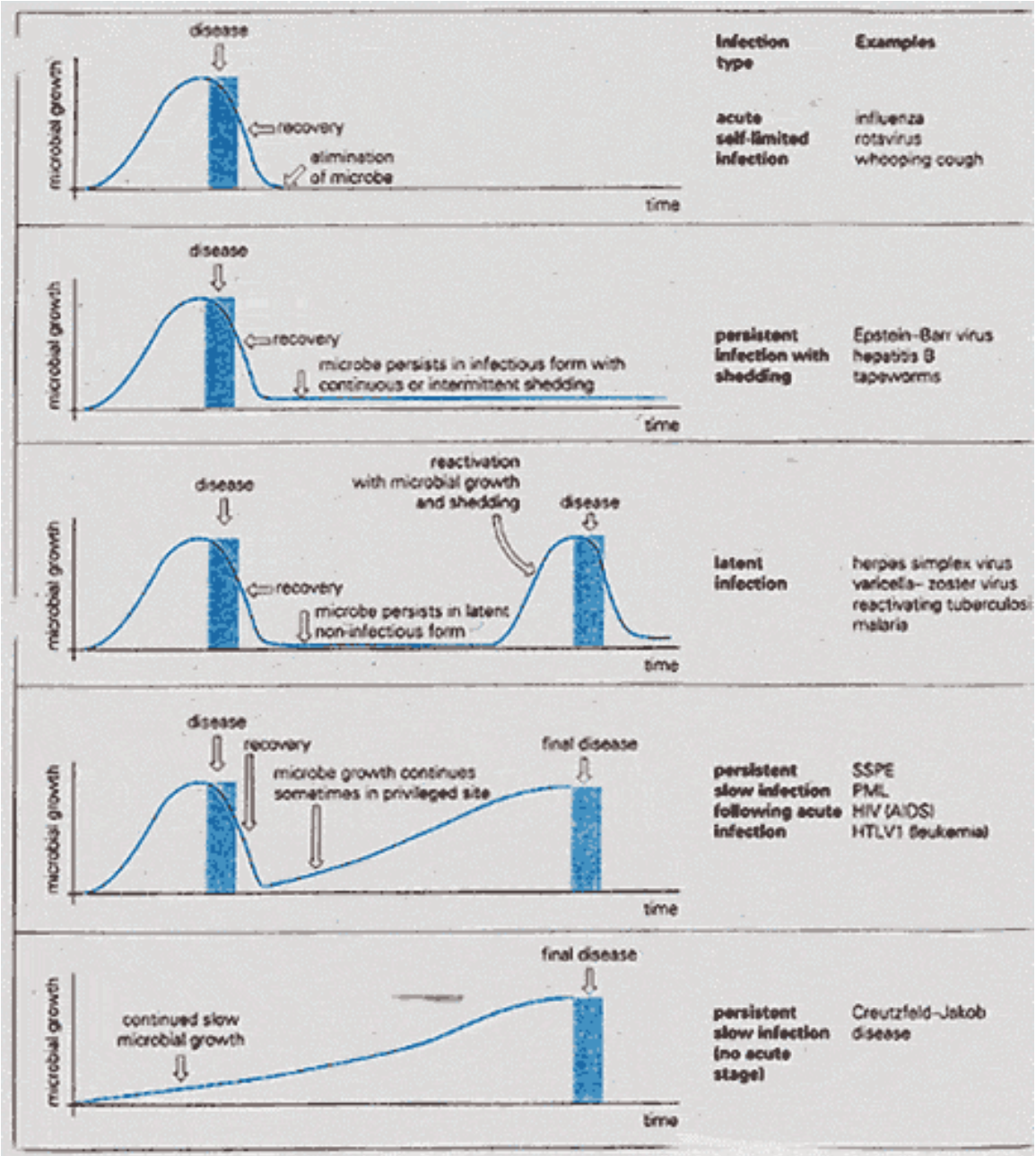
delayed response - disease





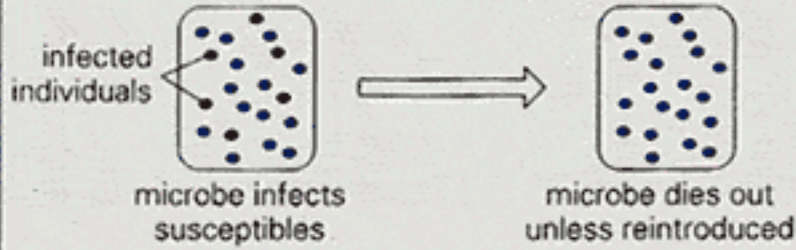
11c



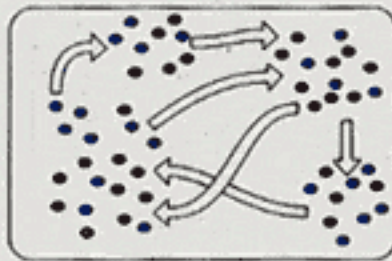


non-persistent microbe (e.g. measles)

small community



large community



persistent microbe (e.g. varicella-zoster virus)

small community

