

Unit 3 C21 VHW 5

Immune System's Natural Killer Cells

1. What cell line do natural killer cells belong to?
2. Do NKC have immunologic memory? What does this mean?
3. Are NKC part of your innate or adaptive immune system? What does this mean?
4. What type of host cell infections do NKC attack?
5. How do NKC kill infected host cells? Mechanism?
6. Do the NKC perish in their encounter with the infected host cell?
6. Will the infected host cell die by apoptosis or necrosis? Significance?
7. How important are NKC in the first 24 hours after a cancer cell breaks away from a “solid tumor” and circulates in the bloodstream?
8. What will NKC secrete to kill “foreign sheep RBC”?
9. Do NKC require MHCP-1 to identify infected host cells?