

1. The function of molecules such as MICA and MICB produced by stressed cells, cancer cells, and infected cells is to:

- A. Bind to killer-inhibitory receptors on NK cells turn off their kill signal.
- B. Bind to killer-activating receptors on NK cells to turn on their kill signal.
- C. Trigger NK cells to dump their lysosomes for extracellular killing.
- D. Bind to the antibody IgG for enhanced attachment.

2. Killer-inhibitory receptors on NK cells are able to recognize:

- A. MICA molecules on stressed cells.
- B. MICB molecules on stressed cells.
- C. MHC-I molecules on stressed cells.
- D. The antibody molecule IgG.

3. Which is not a function of NK cells?

- A. Bind to IgG on infected cells and tumor cells and kill them with lysosomes.
- B. Bind to and kill infected cells and tumor cells that suppress MHC-I production and cannot be removed by CTLs.
- C. Bind to and kill infected cells and tumor cells by antibody-dependent cellular cytotoxicity or ADCC.

4. NK cells kill infected cells and tumor cells by:

A. Apoptosis.

B. Lysosomes fusing with phagosomes.

C. Reactive oxygen species (ROS).

D. Defensins and proteases.