

Transcript of skit:

Hear yee hear yee fellow cells of the human body Lend your ear so that and you may hear the king's decree.

Troubling times await us. For while our human was walking around in public a filthy stranger SNEEZED directly into their mouth

The cold virus has likely already infected some of you. You know who you are. If the virus has a hold of you then it's already too late. But our human need not worry for we have the power of the IMMUNE SYSTEM

BRING IN THE CYTOTOXIC T-CELL

The Cytotoxic T-Cell patrols the body in search of cells displaying foreign antigens that the t-cell recognizes.

To do this the cells present their Class-1 MHC antigen to let the Cytotoxic t-cell know that they are of the self and that all is well. But a virus infected cell will instead display a foreign antigen on its MHC protein signaling the cell for death by means APOPTOSIS.

**For the skit I would have three volunteers, two "healthy cells" that would present their Class-1 MHC antigen (represented by props that I would bring) and one "virus infected cell" that would instead present a foreign antigen on it's MHC protein. (also represented by a prop) and would be then forced to commit "cellular suicide" as represented by a foam sword that I'd bring in to class to have them dramatize their cellular death.*

Artist Statement:

Since this is a skit meant to be performed, I feel like the presentation will make a lot more sense when it is seen live. I'll be dressed up renaissance-like to add to the flavor of the skit. The scientific point of the skit is to describe how the immune system can fight against virus/cancerous cells using cytotoxic t-cells and that the t-cells work by reading the antigens presented on the non-apc cells' MHC proteins. My artistic goal here is really to just entertain people with the theatrics and to use volunteers to help engage the class in the activity/presentation.