

# ACTIVITY #7: HELP! I'M INFECTED!

### FIND THE INFECTED CELL THAT IS RELEASING CYTOKINES

## What you will need:

- Paper, scissors, pens
- Shallow dish/plate
- Cotton wool buds (7)
- Skittles (6 green, 1 red)
- Milk

### Instructions:

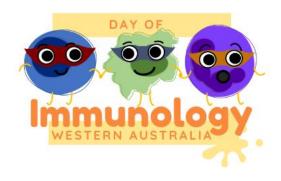
- 1. Draw 7 cells, just a bit bigger than the cotton wool balls, colour them in and cut them out. (Make one of the cells your favourite immune cell!)
- 2. Put one skittle inside each of the cotton wool balls. Mix them up so you don't know which one has the red skittle!
- 3. Fill a shallow dish or plate with milk
- 4. Place the cotton wool balls around the plate, and cover with one of your cells.
- 5. Wait and watch! The green colour represents a healthy cell, and the red represents a cell releasing cytokines to tell the other cells they are infected.

  Can you tell which of your cells is infected?
- 6. Take a photo and share it with us!











## BONUS ACTIVITY: Talk like a cell

### 2 OR MORE PEOPLE

### What you will need:

- Small tasty foods (eg. sweet lollies, sour lollies, cheese, cracker)
- Smelly items (eg. perfume, dinner cooking)
- Blindfolds

### Instructions:

- 1. Collect your tasty foods, and give each one of them a meaning (eg. sweet lollie = "I'm happy", give me a hug. Sour lollie = "I need help!" jump up and down.)
- 2. Close your eyes (or use a blindfold) and take turns giving each other a food to taste! This is like cells talking to each other!
- 3. Find a smelly item and put it in one corner of the room.
- 4. Put on a blindfold and spin around Now try to find the item only using your sense of smell
- 5. Tell us how it went! Tag @dayofimmunologyWA