

Cell Painting Activity

You are now a computer model that looks at cells! You have been given a **sick** cell. There are three parts to the cell; the nucleus, endoplasmic reticulum (also known as ER) and actin. It is your job to color, cut out each part, and put the cell together. Your goal is to make observations about your cell and compare it someone with a healthy cell.

STEP 1:

Color each part of the cell.

- Nucleus = Blue
- ER = Green
- Actin = Red

STEP 2:

Cut out each part of the cell.

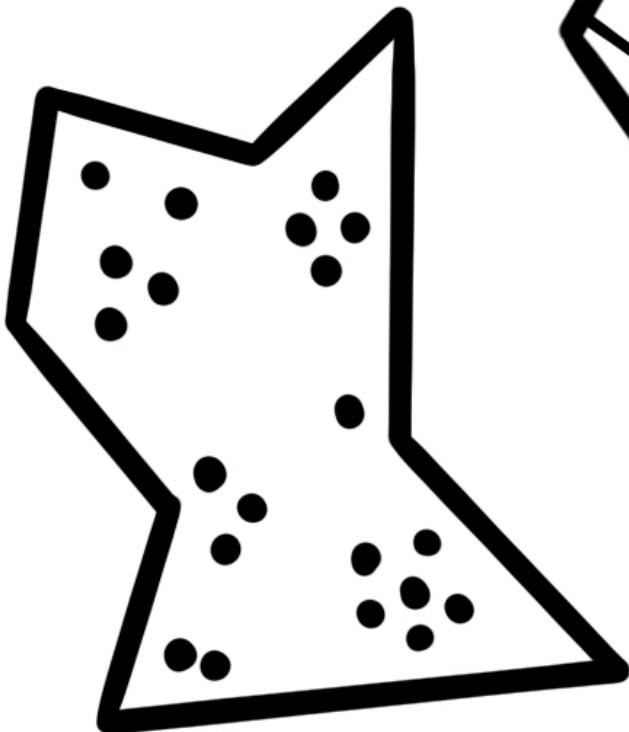
STEP 3:

Glue the parts of the cell together in order bottom to top.

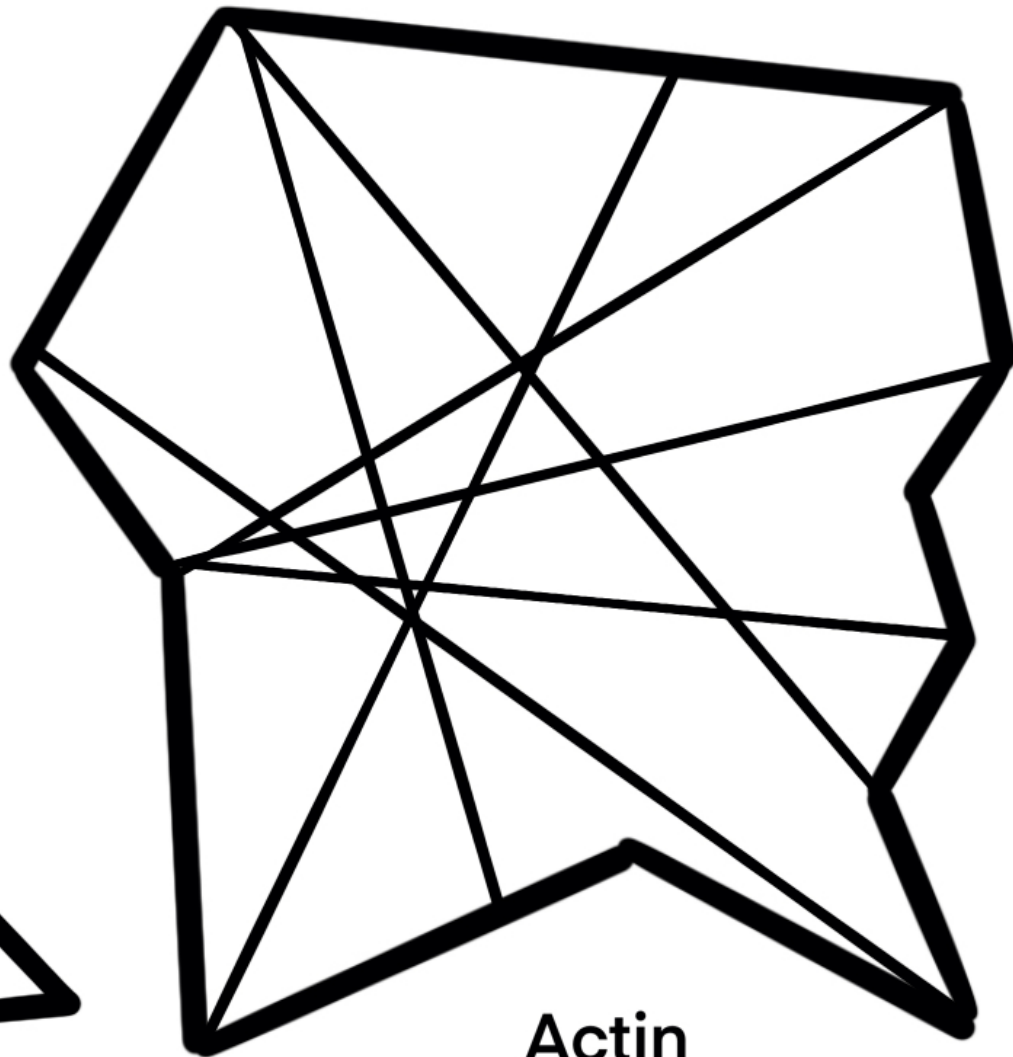
Actin -> ER -> Nucleus



Nucleus



Endoplasmic Reticulum



Actin