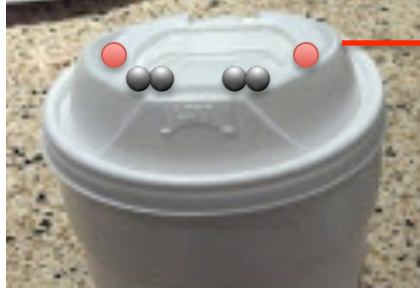


# Transfection Model and Synthesis of Gold Nanoparticle

## I. Pre-transfected cell

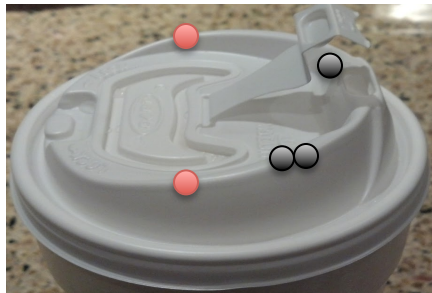


Plasma membrane

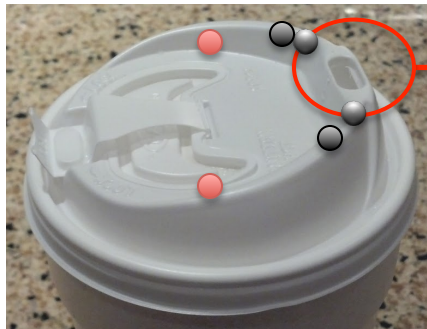
### Labels:

- Spingolipids
- Cholesterol
- Gold nanoparticle

## II. Start transfection



## III. Transfected cell



Receptor for labeled gold nanoparticle

## IV. Synthesis of

## labeled gold nanoparticle

Raw material for labeled gold nanoparticle

Labeled gold nanoparticle in its receptor



Label for gold nanoparticle

