

## Dialysis Tubing Instructions

1. Fill a plastic bag with about 50 ml of sugar water and tie off with a string. Make sure it's tight! You don't want any leaks! Give it a squeeze to make sure it doesn't leak.
2. Dunk your plastic bag in water to get the strings wet. Then take the bag out of water, dab it dry, and weigh it. Record this mass as "Initial mass"
3. Put your bag back into a container of fresh water and let sit for about 45 minutes
4. After 45 minutes, take the bag out and dab it dry again. Weigh the bag and record this mass in "Final Mass"
5. Calculate percent change and answer the questions on your sheet.

## Onion Cells

1. Place a drop of fresh water on a slide
2. Using your fingernail, peel a small piece of red skin off the onion. This should be VERY thin – don't take a chunk!
3. Place the skin on the water drop and cover with a cover slip.
4. Look under the microscope and draw what you see (HINT: start with the smallest lens, then work your way up to higher power)
5. Take off the cover slip and place a drop of salt water on the slide. Replace the cover slip.
6. Put the onion with salt water under the microscope and draw what you see.
7. To clean up, rinse your slide under the faucet and leave the clean slide and cover slip on a paper towel for the next group.