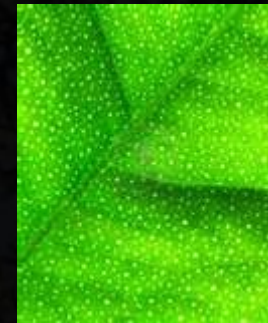
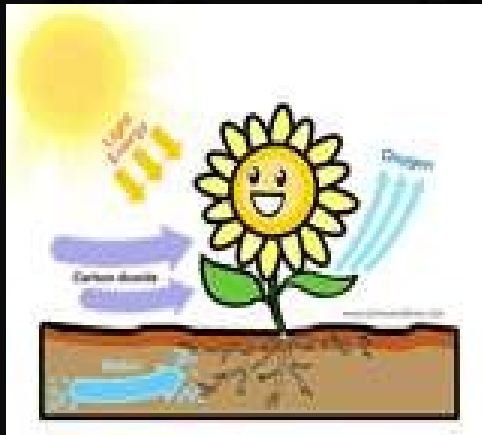




# Living Organisms Review



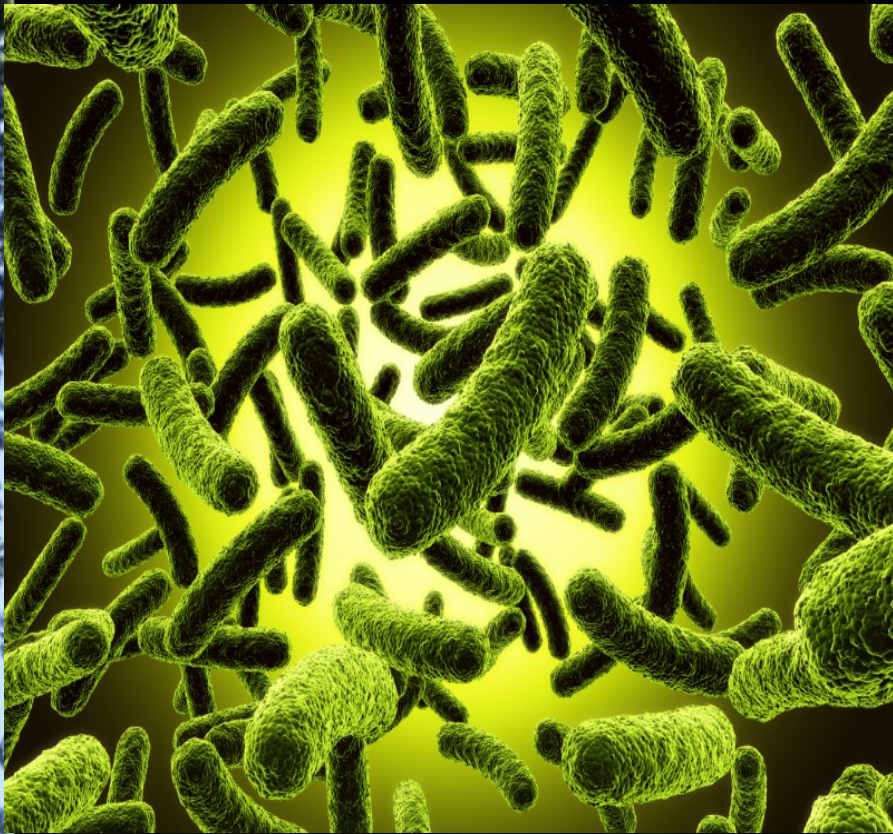


# GLE 1- Common Life Processes Necessary to the Survival of Organisms

- Growth
- Reproduction
- Life Span
- Response to Stimuli
- Energy Use
- Exchange of Gases
- Use of Water
- Elimination of Waste
- Getting bigger
- Having a baby
- Normal length of life
- Reacting
- Sun or Eating
- Breathing
- Drinking
- Going the bathroom



# GLE 2



- All living organisms (biotic things) are made up of cells
- Cells are the basic unit of life
- Cells carry on all life processes (the 8 things on the previous slide)

[http://www.wellnessindie.com/wp-content/uploads/2010/01/bacteria\\_in\\_soda.jpg](http://www.wellnessindie.com/wp-content/uploads/2010/01/bacteria_in_soda.jpg)



# GLE 3



- Unicellular = 1 cell
- Multicellular = many cells
- Most organisms on Earth are unicellular (one celled)

[http://lh6.ggpht.com/\\_YyEZexzzbhs/S TmaoJ6ED7I/AAAAAAAAArg/QGGxvo5JCtw/DSCN3624\\_editado.JPG](http://lh6.ggpht.com/_YyEZexzzbhs/S TmaoJ6ED7I/AAAAAAAAArg/QGGxvo5JCtw/DSCN3624_editado.JPG)



# GLE 4

## Unicellular

Bacteria

Amoeba

Some protists

Some algae

Diatoms

Protozoa

## Multicellular

Mosquito

Dog

Human

Fly

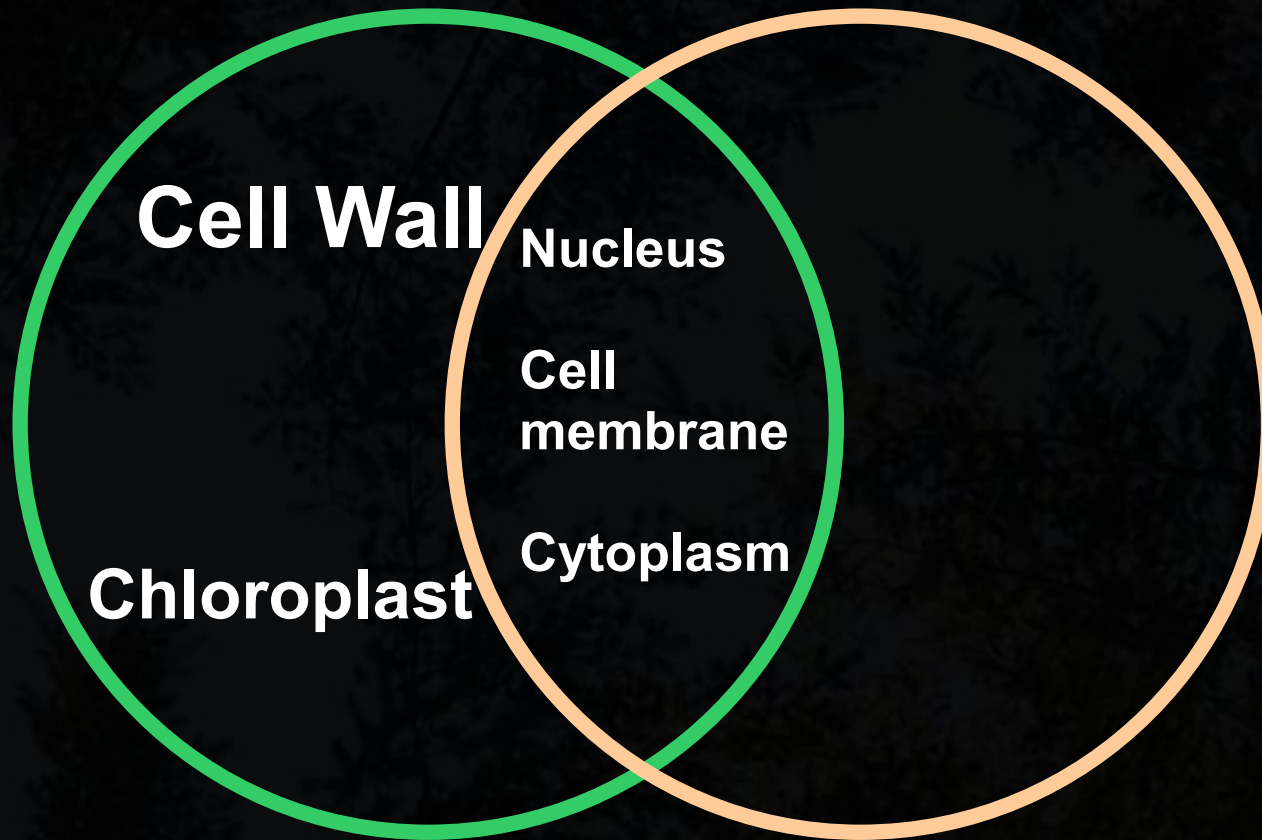
Gold fish

Lizard

# GLE 5

**Plant Cell**

**Animal Cell**





# GLE 5 cont.

## Plant & Animal Cells

**Cell Membrane** - lets things in and out of the cell

**Nucleus** – the control center of the cell

**Cytoplasm** – jelly like material that fills the cell, where parts of the cell do their jobs

## Plant Cells

**Chloroplast** – where photosynthesis occurs

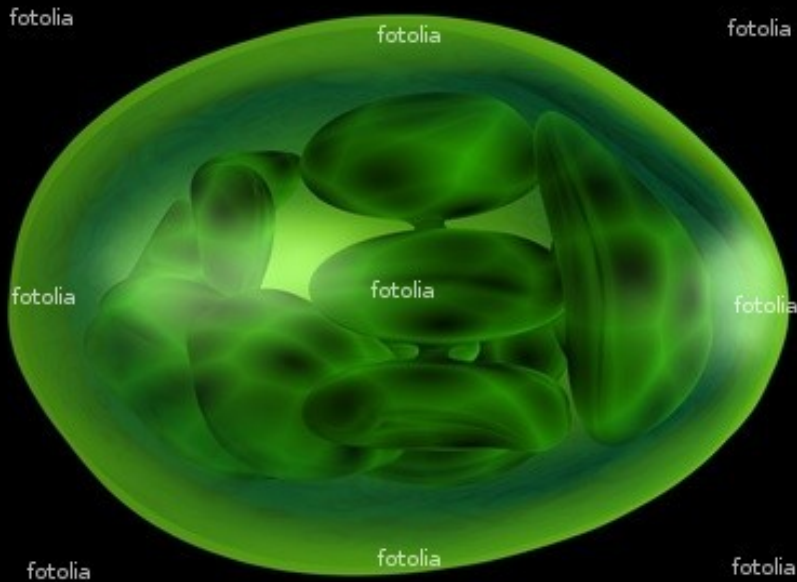
**Cell Wall** – protects and supports the cell



# GLE 6

## Chloroplast

- Where food is produced in plants and some unicellular organisms
- Food is in the form of sugar

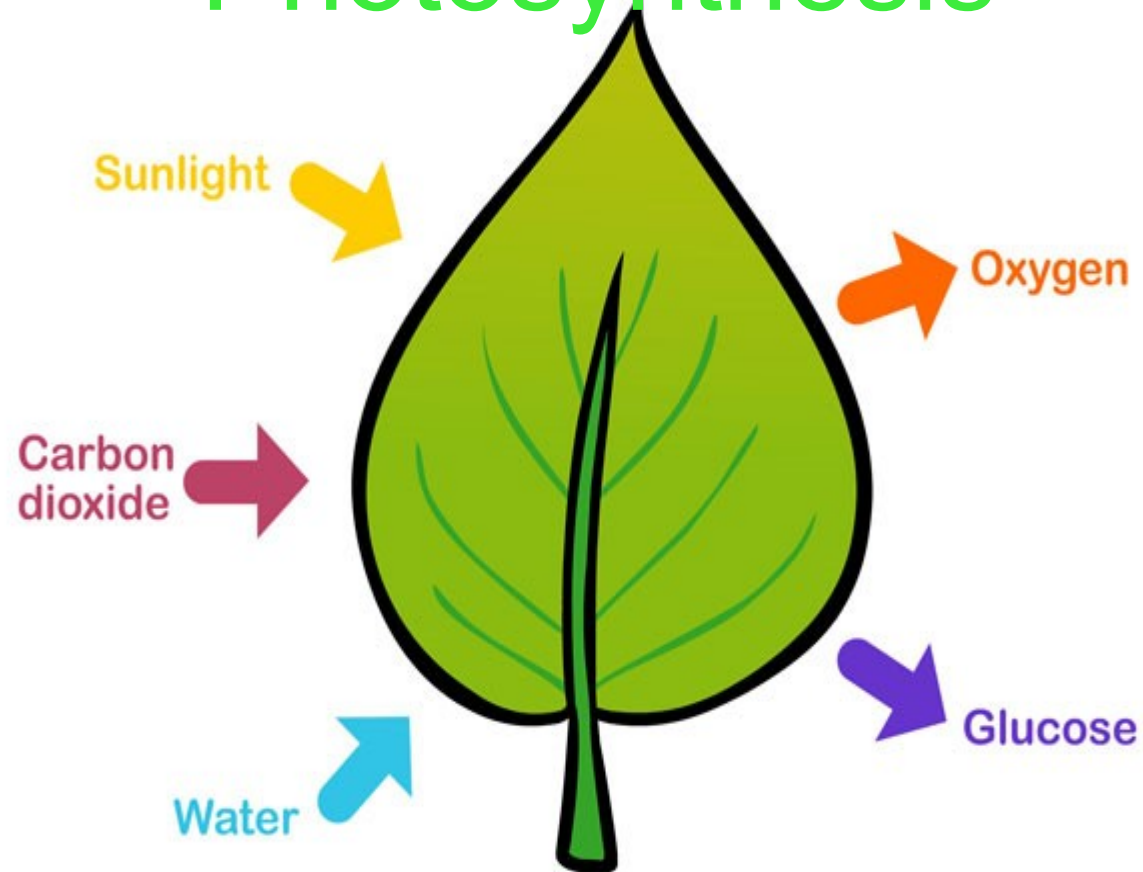


[http://t2.ftcdn.net/jpg/00/19/90/81/400\\_F\\_19908180\\_HXaDWK2BY3nNHmSSSiZPXFb4rMi9VoG.jpg](http://t2.ftcdn.net/jpg/00/19/90/81/400_F_19908180_HXaDWK2BY3nNHmSSSiZPXFb4rMi9VoG.jpg)



# GLE 7

## Photosynthesis



[www.sciencewithme.com](http://www.sciencewithme.com)



# GLE 7 cont.

## Photosynthesis:

Plants take in: Carbon Dioxide and Water

Plants use: the energy from the Sun

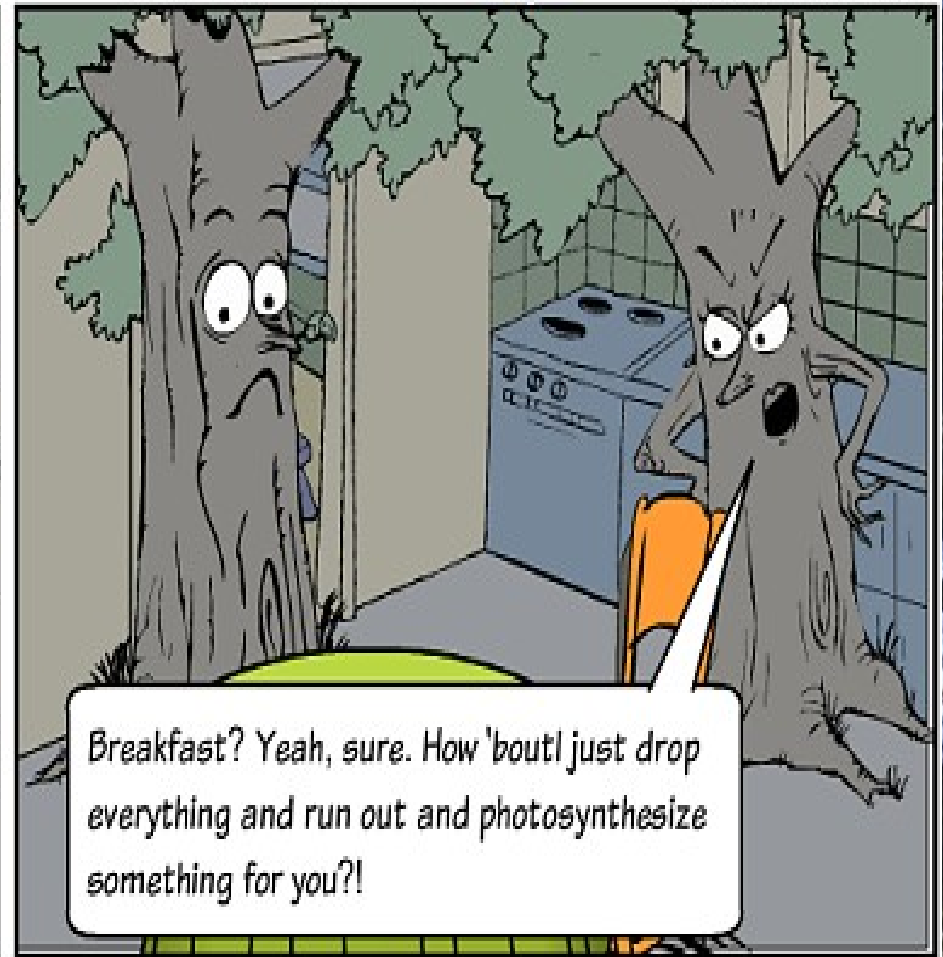
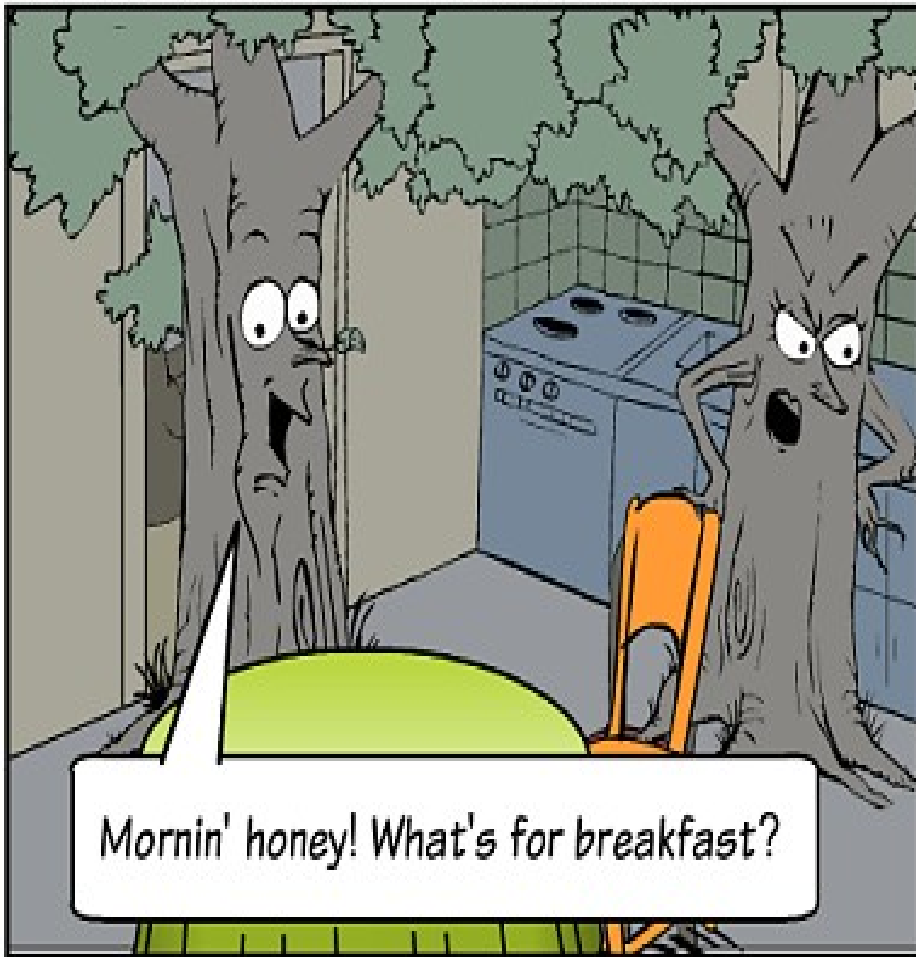
Plants produce: oxygen and food (sugar)



MEET THE TREEMOORS - BY BILKO2720



WWW.TOONDOO.COM



<http://www.toondoo.com/public/b/i/l/Bilko2720/toons/cool-cartoon-348007.png>



AHAJOKES.COM

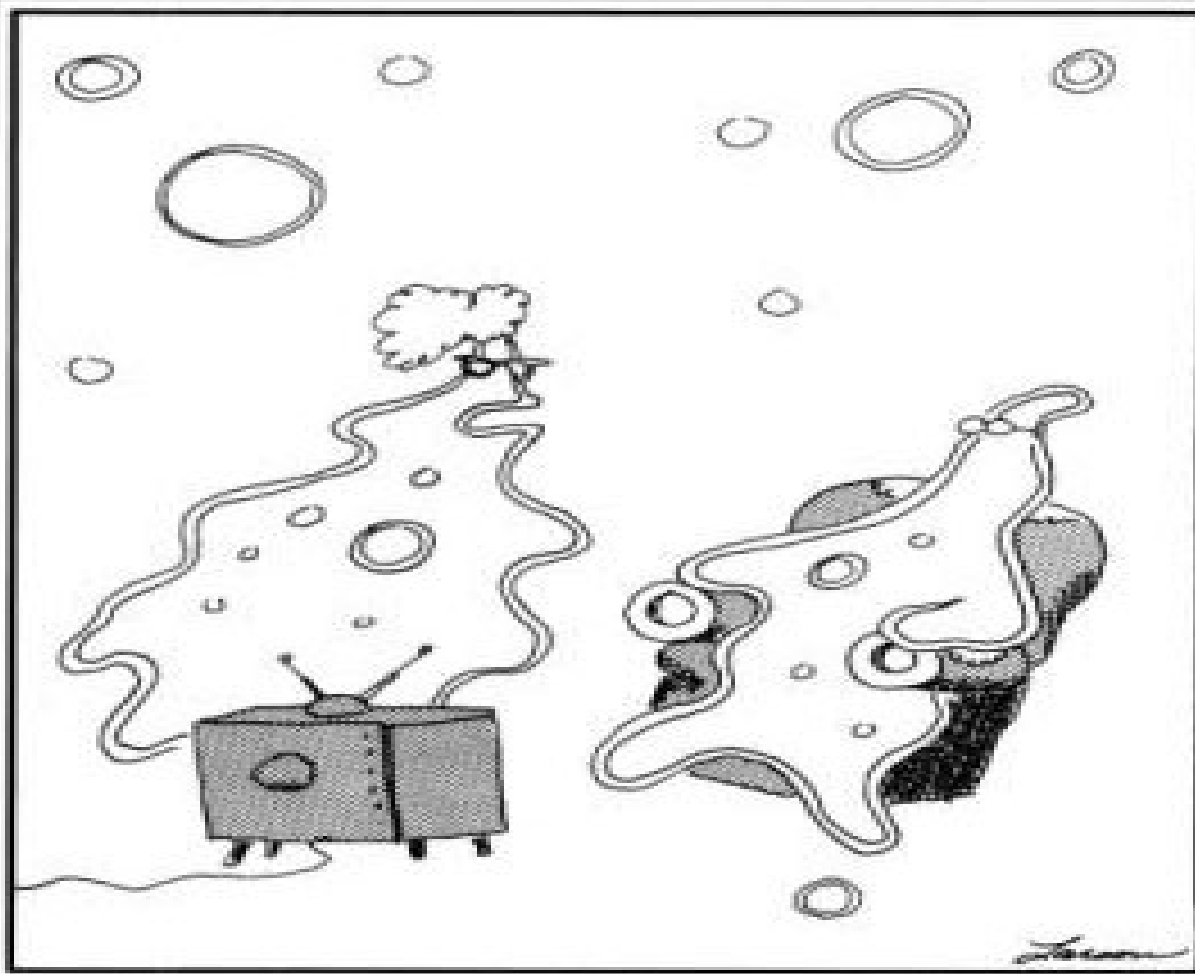
I thought you said the chemical composition for water was H to O.

H-I-J-K-  
L-M-N-  
O



[http://www.cantonlocal.org/WindowImages/Science\\_cartoon.jpg](http://www.cantonlocal.org/WindowImages/Science_cartoon.jpg)





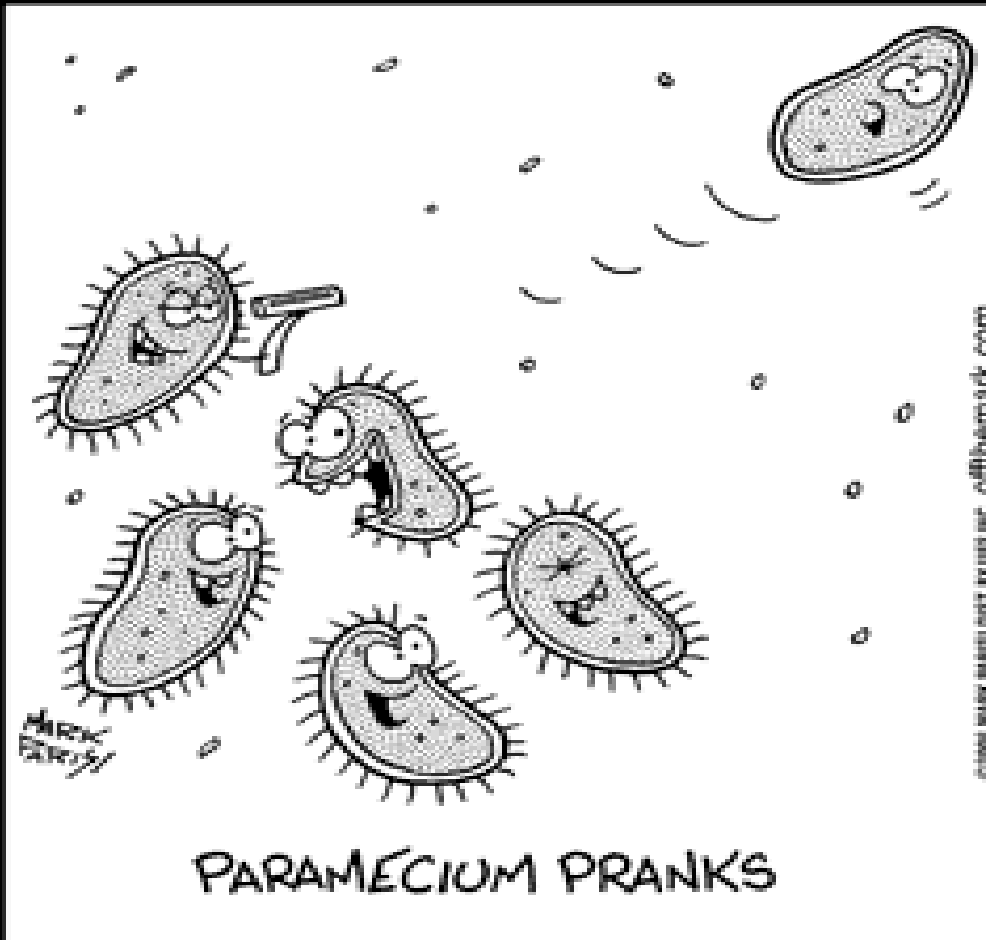
"Stimulus, response! Stimulus, response! Don't you ever think?"

<http://img63.imageshack.us/img63/4605/farsideme0.jpg>



off the mark.com

by Mark Parisi



<http://www.offthemarkcartoons.com/cartoons/2006-04-01.gif>