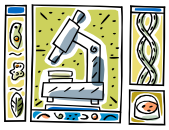


Cell Project

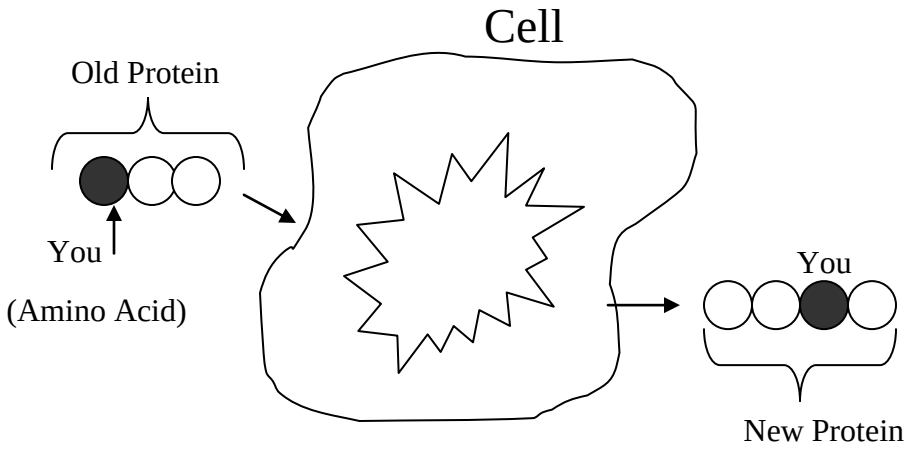
Project Due Date = Monday, October 20th

Value = 40 pts. (Summative)

For this project you will use your notes, text book, labs and worksheets from our cell unit to create a comic strip, story, song, video, or power point presentation which describes your journey as an amino acid that is part of a protein (obtained from a food source containing protein) into the body and then into a cell where you are eventually changed and become *part of a new protein*. You must detail your journey, describing your interactions with the various cell organelles and their functions which aid you in your voyage to becoming part of a new protein.

* To get full credit, your project must include each of the organelles listed below, as well as their functions

- Golgi Apparatus
- Lysosome
- Endoplasmic Reticulum
- Cytoplasm
- Vacuole
- Nucleus
- Ribosomes
- Cell membrane
- Mitochondria



* Final project is due on **Monday, October 20th** at the beginning of the class period. All projects will be presented to classmates on that day.

* Creativity and neatness/organization are key to doing well on this assignment.

Attached is the rubric that will be used to grade your project:

Student Name _____

Hour_____

Scoring Rubric

Project submitted on time	12 pts
Golgi Apparatus/complex + function	0 1 2 pts
Lysosome + function	0 1 2 pts
Endoplasmic Reticulum + function	0 1 2 pts
Cytoplasm + function	0 1 2 pts
Vacuole + function	0 1 2 pts
Nucleus + function	0 1 2 pts
Ribosomes + function	0 1 2 pts
Cell membrane + function	0 1 2 pts
Mitochondria + function	0 1 2 pts
Creativity	1 2 3 4 5 pts
Neatness/organization	1 2 3 4 5 pts

Total = _____ / 40 pts