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Speed Dating for Lonely Organelles

This project is designed to be a creative investigation into the structure and function of prokaryotic and eukaryotic organelles. Using the theme of a blind speed date, you will personify an organelle of your choice and try to “cell it” to other lonely organelles. You should have fun and be creative, while remaining true to an accurate understanding of the material at hand. 37 students

# List of Organelles:

|  |  |
| --- | --- |
| 1) Nucleus  2) Nucleoid  3) Ribosomes  4) Rough Endoplasmic Reticulum  5) Smooth Endoplasmic Reticulum  6) Golgi Apparatus  7) Plasma Membrane  8) Cytoplasm  9) Cytoskeleton  10) Cell Wall  11) Mitochondrion  12) Chloroplast  13) Lysosome  14) Flagellum  15) Peroxisome  16) Central Vacuole  17) Secretory Vesicle  18) Pili, Fimbriae |  |

# All students will create a dating profile that hits the highlights of your organelle, plus a few “personal details”. The profile will be on a 8 ½ x 11 OR 4 x 6 notecard. These are due Thursday and should be completed prior to coming to class. They should be fun, creative and informative.

I am looking for the following on your dating profile.

* A cellfie
* A theme song (can pick a real song, and change the title to match your theme)
* Pick up line (school appropriately, obviously)
* Trendable hashtag
* Where the organelle can be found (Eukaryotic/prokaryotic/both, plant/animal)
* Function of the organelle to keep the cell alive and healthy
* Bad habit we should know about (what happens if you are defective/missing/etc.)

Students will rotate seats to meet and greet each other in character of your organelle. You will have 2-3 minutes to share your info per person before you rotate. You will collect data at each station, and then rate the info, creativity and enthusiasm of each organelle. At the end we will vote and cell-ebrate the matches we have found!