

Paramecium Review

GENERAL BIOLOGY LABORATORY BSC 1005L

Note: The following learning objectives are meant to represent a general overview of the BSC1005L - and by no means are to be used as an all inclusive study guide. Requisites for this course include all assigned readings, handouts, written assignments, movies and lectures as well as any extra projects. Students are responsible for all the assigned materials regardless of whether or not said materials have been specifically covered or addressed during class. As always, students with questions regarding assignments, whether covered in class or not, are welcome to come to my office during office hours, or by appointment, or may e-mail me at: arodrigu@broward.edu their questions to me and I will respond in a timely manner. Upon successful completion of this unit, the students should be able to:

1. What did you use in our lab experiment as a food for *Paramecium*?
2. List the general characteristics and general anatomy of *Paramecium*.
3. How does *Paramecium* propel themselves through the water?
4. Why did the food vacuoles in the *Paramecium* that ingested the red-dyed yeast turn from red to blue?
5. Why did you add methyl cellulose to the *Paramecium* medium?
6. Describe the sexual and asexual reproduction in *Paramecium*.