Modern Techniques in Cell Biology

 The goals for this assignment are two-fold. First, your group will provide a description of a modern biological technique. Second, the descriptions will be compiled to provide a resource for future students.

You will work with your group for this assignment and submit only 1 assignment per group. **A first draft is due November 7,2016.** You will share that draft with another group who is doing the same technique or a similar technique.

**The final report is due November 10, 2015.**

These are the parts required for the technique description:

1. What is the technique used for? What information does it provide? For what experimental situations would this be an appropriate technique?
2. What are the physical, chemical, or biological principles by which the technique works? How does the device obtain measurements?
3. What data are generated by this technique?
4. How are data analyzed and visualized?
5. What are the limitations of this method, and describe a situation where it would not be appropriate to use.
6. Find a reference where this technique has been used and describe how it has been used.
7. Figures are welcomed in order to properly demonstrate the technique, data or analysis.