

StarCellBio ILOs

4/29/14

After completion of StarCellBio activities, students should be able to:

- Design experimental setups with proper set of controls and variables.
- Interpret real and realistically simulated experimental data.
 - - Demonstrate an understanding of western blotting, flow cytometry and microcopy analysis, by properly justifying the experimental technique applied to a particular analysis and its limitations given a specific biological scenario.
- Identify ambiguity and variability present in experimental data.
- [Synthesize interpretation and conclusions from multiple experiments utilizing various experimental techniques.-DELETE]

Notes:

Understanding of processes and procedures: planning, monitoring and evaluating (**process - how they engage in that process**)

Understanding of tasks: defining a problem/question, deciding what type of experimental technique to use, what variables to choose