

## Lab Report Guidelines

All lab reports must be completed within the duration of experiments and submitted to TA at the end of each lab session. Your report may consist of following components.

- 1) Title page
  - Title of the lab,
  - Your name,
  - Course ,
  - Section numbers,
  - Date and duration,
  - Lab Location.
- 2) Introduction
  - A short description on the goals and assigned tasks for the lab.
- 3) Methods and equipment
  - A list of equipment (computer, operation system, software, etc).
- 4) Experimental procedure and results
  - Describe the process in chronological order. You may follow the order in lab manual.
  - Record your data (results, computer output, etc).
  - Discuss your results. This is the most important part of your report. It shows your understanding of the experiment beyond the simple level of completing it.
- 5) Evaluations and Conclusions
  - How good were your experimental results?
  - What difficulties did you encounter and how you overcome them?
  - If you did not complete the tasks in the allotted time, analyze what went wrong and indicate how you expect to avoid similar difficulties in future labs.

Suggested reading on Lab report writing:

<http://www.mhhe.com/biosci/genbio/maderinquiry/writing.html>

<http://www.writing.utoronto.ca/advice/specific-types-of-writing/lab-report>