Rubric for Grading Lab Report 1

Title – accurate, descriptive, concise

Abstract – brief overview
   Includes rationale, experimental approach, results, major conclusions

Introduction
   Background information on gross chromosomal aberrations and their effects, point mutations, lethal and structural mutations, DNA repair, and UV light as a mutagen
   Statement of objectives, and hypothesis
   Citations

Materials and Methods
   Past tense, not cookbook list. Specific.
   Citations

Results
   Four tables: lethal and structural mutations in Penicillium with and without photoreactivation
   Figures must have labels and captions
   Text explanation of results

Discussion
   Interpretation
   What could be improved, or what is the next step to answer the questions you studied?
   Evaluate possible sources of error (3-4 sentences)
   Clearly stated conclusion (“take home message”)

Acknowledgments

References