

Lab Protocol: Module 08 — Meiosis

Lab Title

[To be determined]

Overview

This lab protocol is a stub and will be developed with detailed procedures, materials, and safety information.

Learning Objectives

- Compare stages of meiosis I and meiosis II
- Model crossing over and independent assortment
- Observe meiosis in prepared slides
- Understand the significance of genetic variation

Estimated Duration

2-3 hours

Materials Needed

[To be listed]

Safety Considerations

[To be listed]

Procedure

[To be developed]

Data Collection

[To be developed]

Analysis Questions

[To be developed]

Conclusion

[To be developed]

Note: This is a placeholder document. Complete lab protocol to be developed.