Guide to use in Biochemistry 421 at UMass Amherst
(~ 5 min)

Before completing this guide, review “Benchling Basics” or be familiar with Benchling.

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Created by UMass Amherst Biochem and Molecular Biology Students
Class Organization in Benchling

- BMB Teaching has a Benchling account
  - You see a Project Folder for your class and section

- Each student has a project folder in their section titled with their name
  - Professors and TAs ("Admins") have access to student folders for easy feedback and grading

- Each week has an entry with protocols and sections for students to enter data
Weekly Entries

● Each weekly experiment has an entry
  ○ Student data should be entered in the Notes section
    ■ Tables with cells to fill in, highlighted questions to be answered
  ○ Protocols can be found in another tab in the entry
    ■ Some entries may have multiple protocols
Everything typed into Benchling is **AUTOMATICALLY SAVED**

- Admins (TAs) have access to every student’s folder for grading!
  - Feedback will be given in the Notes section where you filled in your data

**Example Entry:**

![Table Entry Example](image)

Other questions that need to be answered may be numbered, highlighted, or require fill-in-the-blank!

- Enter data in empty cells
- Collapse table
- Download table data as CSV
The Notes Section

- Images or files added to the Notes section can be opened in a separate tab

- The previewed file will appear in the top panel with any other tabs associated with the entry
The purpose and summary of the lab experiment

Introduction

Materials

Procedure

Materials required for the experiment

Detailed experimental procedure
Questions or Comments?

Fill out our **Google Form** to provide feedback:
forms.gle/92Q9vp6jYzSB8Z9j6

Benchling **FAQ:**
docs.google.com/document/d/1DkSHnZ6FX8L4fORjmYm_omzotnJHzjTa587kfqTsiT0/edit?usp=sharing