LAB ROUTINES

Journal club Present a relevant published paper in the lab.

Lab presentation Present own research data in the lab.

1:1 meeting Weekly

Bioscience Data club (BD) Monthly Bioscience data club.

Lab Cleaning

1. Lab cleaning : Once a week

2. Tips and Media: Blue, Yellow, White tips, LB Liquid media, LB Solid media, Once a Week

General Lab Don'ts

All **Equipment** and **Reagents** require proper training or permission from a manager or a professor.

Learn how and where to use a **Fire Blanket**.

Doors must be closed and locked. Do Not leave the lab door open.

Do not use other's worm pick. Worm pick is NOT a shared item.

Do not Run in the lab. It is not safe for you and others.

Do not Eat or Drink in the lab. It is not safe for you and others.

Minimum hours for all
Monday to Friday : 9AM – (for PHD :12 hours)
Saturday and Sunday : 4 hours (for PHD : 6 hours)

Basic lab techniques

Lab safety: Lab instruction.

How to do autoclave: Lab instruction and Video.

How to make media: NGM and LB: instruction in lab manual.

How to use PH meter. How to do calibration: Video instruction

How to pick and maintain worms.

How to use PCR machine. And worm PCR.

How to setup mating and single.

How to use -80 freezer. How to store worms

RT-PCR and qPCR

Immunostaining

Western blot

Plasmid prep

Cloning

Injection

CRISPR-Cas

Y2H

Y2H screening

IP and MS