

Guidelines for COVID-19 prevention while working in the Baneyx Lab

If everyone working in the laboratory uses the precautions detailed below, we will minimize the risk of COVID-19 and maximize prevention and safety. Speak up if you observe someone not following such precautions. We are all responsible for stopping the spread of the virus.

The COVID-19 supervisor for the Baneyx Lab is Prof. François Baneyx (baneyx@uw.edu)

All Lab personnel and all guest users must complete the EH&S COVID-19 training at: <https://www.ehs.washington.edu/training/covid-19-safety-training-back-workplace>

A. General guidelines for laboratory personnel safety

1. Never come to campus, the Baneyx lab, or a shared facility if you are experiencing any of the following symptoms of infection:

- Fever
- Cough
- Shortness of breath
- Difficulty breathing
- Chills
- Repeated shaking with chills
- Muscle Pain
- Headache
- Sore Throat
- New Loss of Smell and Taste
- Respiratory symptoms

2. Complete a **daily attestation of wellness in [Workday](#) before coming to work.** If you are a non-employee MS student, please complete the attestation of wellness form that you can find on the top of the [Chemical Engineering home page](#)

Sign up for a shift using the BNS 129 [Lab Occupancy](#) Google Calendar. Briefly describe your planned experimental workflow in the calendar entry (e.g., protein purification). A **maximum number of 8 users** is allowed in BNS 129 at any one time. There is a maximum of **1 user per room** in BNS 127 for a total of **4 users**.

Book the **following shared equipment every day** using the Lab Equipment Google Calendar

- i. [FPLC](#)
- ii. [Sorvall Tabletop centrifuge](#)
- iii. [Beckman floor centrifuge](#) (Floor Centrifuge)

3. If you experience COVID-19 symptoms, are confirmed to have COVID-19, or have someone at home with COVID-19, stay home, contact your healthcare provider, and immediately notify the EH&S Employee Health Center at emphlth@uw.edu or 206-685-1026.

- a. The identity of individuals who have or may have COVID-19 is handled as protected information.
- b. EH&S will provide guidance on communicating to staff (as appropriate).
- c. EH&S will notify individuals who had close contact with the ill person up to 48 hours prior to the development of symptoms.
- d. EH&S will provide close contacts with public health recommendations that may include staying home and monitoring their health for 14 days.
- e. EH&S will evaluate the locations where the person spent time on campus for enhanced cleaning and disinfection.

4. If you **start showing symptoms of illness while at work**, immediately leave the lab, notify EH&S as above, and notify François Baneyx (baneyx@uw.edu) and Debbie Carnes (drae@uw.edu)

5. **Develop a personal transportation plan** that minimizes proximity to other people. Consider cycling, walking or driving instead of public transportation.

6. Be present in the lab **only as long as necessary** for conducting experimental work. Plan in advance to minimize time around lab members and the general population on campus.

7. Assume that everyone (including yourself) might be an asymptomatic carrier. Use appropriate precautions as **transmission may still occur with people displaying no symptoms**.

B. Guidelines for working in the Baneyx Lab (BNS 129 and BNS 127)

1. *Before traveling to the lab*

- a. Attest in **Workday** or on ChemE site **every day** you come to the lab.
- b. **Sign up for a shift every day** you come to the lab using the BNS 129 [Lab Occupancy](#) Google Calendar. Briefly describe your planned experimental workflow in the calendar entry (e.g., protein purification). A **maximum number of 8 users** is allowed in BNS 129 at any one time. There is a maximum of **1 user per room** in BNS 127 for a total of **4 users**.
- c. Book the **following shared equipment every day** using the Lab Equipment Google Calendar
 - i. [FPLC](#)

- ii. [Sorvall Tabletop centrifuge](#)
- iii. [Beckman floor centrifuge](#) (Floor Centrifuge)

2. *After arriving to the lab*

- a. **Do not enter unless you are logged in the Lab Occupancy calendar and your usage slot is available.**
- b. The first person to arrive each day should unlock the double door to the Lab (BNS 129) and the internal connecting door to the office (BNS 127) to allow others to enter through the Lab door as it can be pushed open without touching the handle. Beware of leaving personal belongings unattended while lab/office doors are open.
- c. **Wash your hands** with soap and water upon entering and leaving the lab.
- d. Increase the frequency of cleaning and disinfecting of **high-touch surfaces**, such as buttons, handrails, tables, faucets, doorknobs, shared equipment, and shared keyboards.

3. *While working in the lab*

- a. **Always maintain 6 feet between researchers** unless it compromises safety.
- b. Adhere to the **6 feet tape markings** around the shared equipment, individual workstations, and common work areas as diligently as possible. The boundaries are highlighted in green and yellow (individual workstations), pink (common work area), and purple (shared equipment) in the attached floor plan. The direction of foot traffic is indicated by blue arrows.
- c. Minimize the use of shared items (pens, notebooks, frequently used reagent bottles, etc.). As much as possible, each person should have their own.
- d. **Do not wear gloves** and wash your hands before and after using shared devices like keyboards and lab phones.

4. *When using shared equipment*

- a. Allow 10 minutes between usage by different users.
- b. Follow existing protocols for safe maintenance and operation.
- c. After use, wipe down instruments (including rotors and rotor covers) and marked bench space with paper towels moistened with 70% ethanol (keypads and electronics) or a spray bottle (bench tops).
- d. Pat dry using paper towels or allow to air dry.

5. *When leaving the lab*

- a. Wipe down your personal work area with 70% ethanol
- b. Remove gloves and wash hands with soap and water upon leaving the lab
- c. The last person to leave the lab should verify that all equipment is powered down, all water baths filled, and that all fridge and freezers are operational.

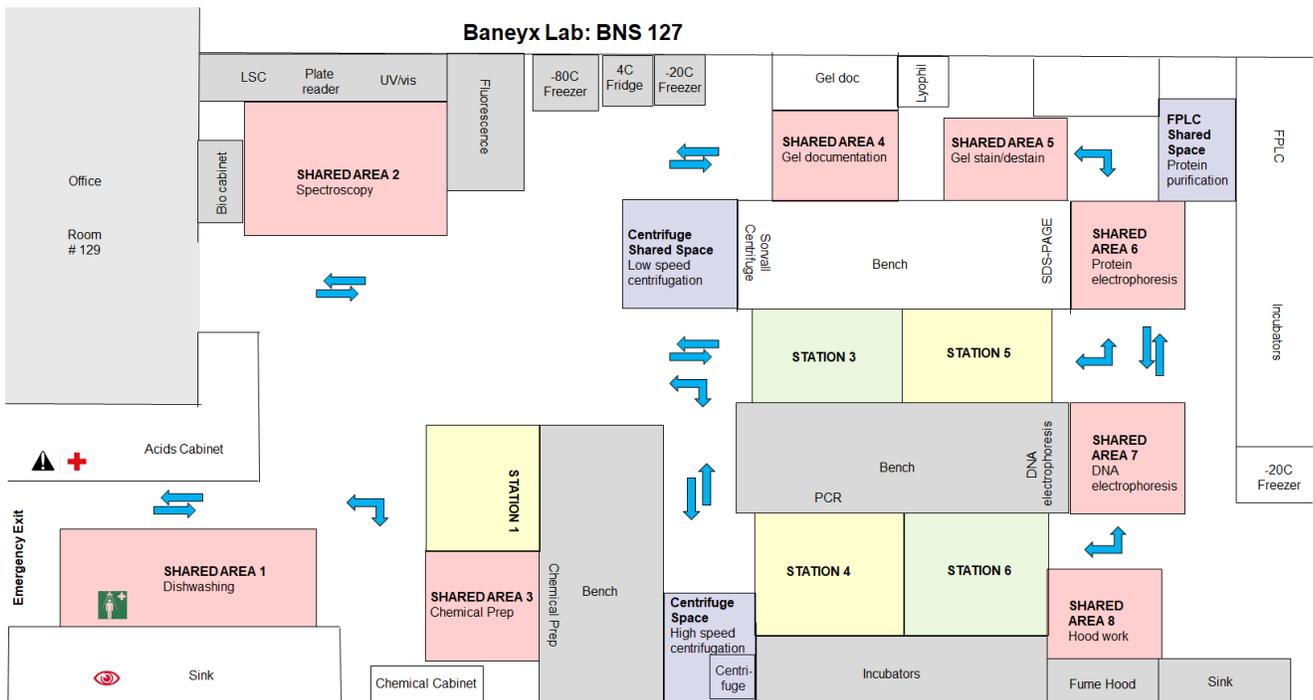
- d. The last person to leave the lab closes the door to the office and locks the double door to BNS 129.

6. When using BNS 127

- a. Usage of BNS 127 should be minimized. A maximum of 1 person per office and 1 person in the common space are permitted at any one time.
- b. No gloves / PPE are allowed in BNS 127.
- c. Wash hands before entering and upon leaving BNS 127.
- d. Use of cups, mugs, plates, and silverware should be limited and these items must be washed with soap before and after use.
- e. Desks and doorknobs should be wiped down after use.

7. If a guest user of BNS 129

- a. You must be an **authorized and trained** user to enter BNS 129
- b. **Failure to adhere to this SOP will result in revocation of privileges.**
- c. Use the Lab Occupancy (BNS 129 [Lab Occupancy](#)) and Lab Equipment ([FPLC](#), [Sorvall Tabletop centrifuge](#) and [Beckman floor centrifuge](#)) google calendars to select a time window for usage. Enter your name, email address and a brief description of the workflow (e.g., floor centrifugation)
- d. **Baneyx lab members have priority over shared equipment usage.** While we will attempt to notify you, you are responsible for making sure that your time window remains available prior to traveling to or entering the lab.



If a COVID-19 case is confirmed in the UW community, University units are required to follow the guidance *Enhanced Cleaning and Disinfection after Notification of a Confirmed Case of COVID-19* outlined in [this document](#).

General guidance on face covering

1. UW guidance on face coverings can be found [here](#)

General guidance for cleaning and disinfection

1. Increase the frequency of cleaning and disinfecting, **focusing on high-touch surfaces**, such as buttons, handrails, tables, faucets, doorknobs, shared equipment, and shared keyboards. Increased frequency of cleaning and disinfecting with attention to these areas helps remove bacteria and viruses, including the novel coronavirus.
2. Practice good hand hygiene after cleaning (and Always!):
 - Wash hands often with soap and warm water for at least 20 seconds.
 - If soap and warm water are not readily available, use an alcohol-based hand sanitizer that contains at least 60% alcohol.

Safety guidelines during cleaning and disinfection

1. Wear disposable gloves when cleaning and disinfecting. Clean hands immediately after gloves are removed.
2. Wear eye protection when there is a potential for splash or splatter to the face.
3. Lab coats are recommended to protect personal clothing.
4. Store chemicals in labeled, closed containers. Store them in a manner that prevents tipping or spilling.

Disinfectant Solutions

10 % Bleach Solution	100 ml Bleach	900 ml Water	Allow 2 minutes of contact time and pat dry with towels/ kimwipes
70 % Ethanol Solution	700 ml Ethanol	300 ml water	Allow 2 minutes of contact time and pat dry with towels/ kimwipes

Hand hygiene

(https://www.who.int/gpsc/5may/Hand_Hygiene_Why_How_and_When_Brochure.pdf)

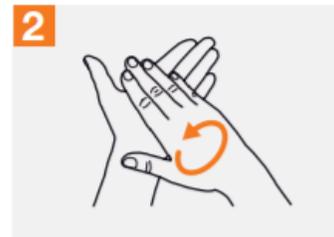
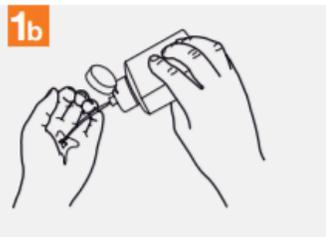
HOW TO HANDRUB?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

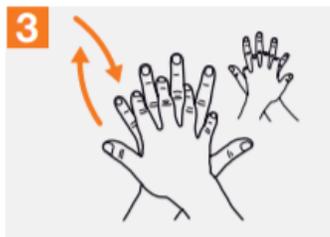
 Duration of the entire procedure: 20-30 seconds



1a Apply a palmful of the product in a cupped hand, covering all surfaces;



2 Rub hands palm to palm;



3 Right palm over left dorsum with interlaced fingers and vice versa;



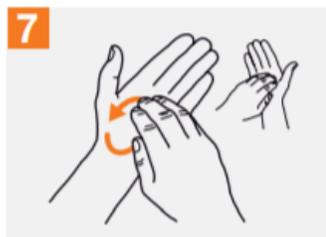
4 Palm to palm with fingers interlaced;



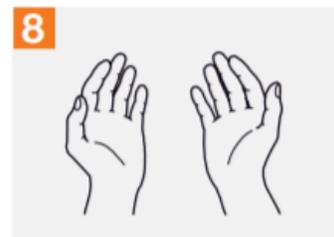
5 Backs of fingers to opposing palms with fingers interlocked;



6 Rotational rubbing of left thumb clasped in right palm and vice versa;



7 Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa;



8 Once dry, your hands are safe.