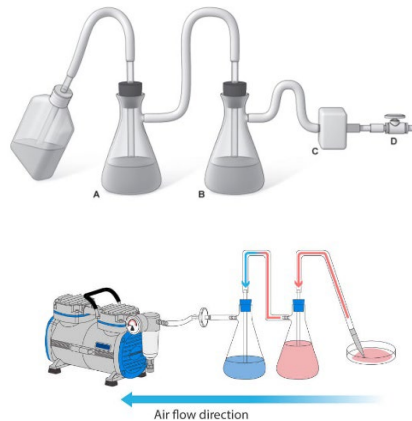


Rutgers University | Biosafety Resources

Lab Safety/Biosafety/Blood Borne Pathogen Combo Training Links

- Biosafety Contact Information
 - Links
 - <https://ipo.rutgers.edu/rehs/contact-rehs>
 - <https://ipo.rutgers.edu/rehs/biosafety-program>
 - <https://ipo.rutgers.edu/rehs/bio-safety-guide>
 - <https://ipo.rutgers.edu/rehs/biosafety-program/handbook>
 - Email: Biosafety@rutgers.edu
- University Emergency Action Plan: <https://ipo.rutgers.edu/publicsafety/eap>
- Emergency Notification Text Message Sign Up: https://eas.rutgers.edu/?ht_kb=emergency-notification-system-ens
- Past Laboratory Acquired Infections
 - <https://www.dailymail.co.uk/sciencetech/article-1360783/Malcolm-Casadaban-U-S-scientist-die-plague-50-years.html>
 - <https://www.nejm.org/doi/full/10.1056/NEJM199508033330505>
 - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3226549/>
 - <https://www.science.org/content/article/suit-brought-wrongful-death-lab-worker>
 - <https://www.usatoday.com/story/news/2015/05/28/biolabs-pathogens-location-incidents/26587505/>
 - <https://www.science.org/content/article/france-issues-moratorium-prion-research-after-fatal-brain-disease-strikes-two-lab>
 - <https://www.cdc.gov/media/releases/2015/s0313-burkholderia-pseudomallei.html>
- Biosafety in Microbiological and Biomedical Laboratories (BMBL) 6th Edition: <https://www.cdc.gov/labs/BMBL.html>
- NIH GUIDELINES FOR RESEARCH INVOLVING RECOMBINANT OR SYNTHETIC NUCLEIC ACID MOLECULES (NIH GUIDELINES) 2019: <https://osp.od.nih.gov/policies/biosafety-and-biosecurity-policy#tab2/>
- Bloodborne Pathogen Information
 - OSHA Bloodborne Pathogens US 29 CFR 1910.1030: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030>
 - <https://www.nature.com/articles/bdjteam201875>
 - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC88939/>
 - HIV
 - <https://www.who.int/news-room/fact-sheets/detail/hiv-aids>
 - <https://www.hiv.gov/hiv-basics/overview/data-and-trends/statistics/>
 - <https://www.cdc.gov/hiv/library/factsheets/index.html>
 - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7275870/>
 - [https://www.thelancet.com/journals/lanhiv/article/PIIS2352-3018\(20\)30069-2/fulltext](https://www.thelancet.com/journals/lanhiv/article/PIIS2352-3018(20)30069-2/fulltext)
 - <https://www.nature.com/articles/s41591-023-02213-x>
 -
 - Hepatitis B & C
 - <https://www.hhs.gov/hepatitis/learn-about-viral-hepatitis/data-and-trends/index.html#:~:text=85%2C000%20people%20in%20the%20U.S.,or%20as%20low%20as%2073%2C000.&text=More%20than%20half%20of%20persons,that%20they%20have%20the%20virus.>
 - <https://www.cdc.gov/hepatitis/resources/professionals/pdfs/abctable.pdf>
 - HBV
 - <https://www.cdc.gov/vaccinesafety/vaccines/hepatitis-b-vaccine.html#:~:text=Hepatitis%20B%20vaccine%20is%20safe,and%20last%201%2D2%20days.>
 - <https://www.hepb.org/prevention-and-diagnosis/vaccination/guidelines-2/>
 - <https://www.hepb.org/prevention-and-diagnosis/vaccination/vaccine-safety/>
 - <https://pubmed.ncbi.nlm.nih.gov/6111645/>

- HCV
 - <https://liverfoundation.org/liver-diseases/viral-hepatitis/hepatitis-c/#:~:text=Facts%20at%2Da%2DGlance,unaware%20that%20they%20are%20infected.>
 - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5881408/>
 - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5881408/>
- CDC Select Agents: <https://www.selectagents.gov/index.htm>
- Dual Use Research of Concern: <https://osp.od.nih.gov/policies/biosafety-and-biosecurity-policy/>
- Laboratory Containment Controls
 - Biosafety Cabinet:
 - <https://www.cdc.gov/labtraining/training-courses/biological-safety-cabinets.html>
 - <https://www.cdc.gov/safelabs/docs/BSC-Checklist.pdf>
 - Centrifuge: <https://www.cdc.gov/labtraining/training-courses/fundamentals-centrifuge-safety.html>
 - Safety Sharps: <https://www.cdc.gov/sharpsafety/tools.html>
 - Vacuum Aspiration Setup
 - Filter Options
 - Whatman
 - HEPA-VENT Filter (Whatman #6723-5000)
 - VACU-GUARD In-line Disk Filter (Whatman # 672-5000 or # 672-5001)
 - Millipore Millex FG-50 Filter Unit for vacuum line protection and tank/bioreactor venting (Millipore #SLFG75010)
 - Setup



- Regulated Medical Waste: <https://ipo.rutgers.edu/rehs/regulated-waste>
- Hazardous Material Shipping: <https://ipo.rutgers.edu/shipping-dangerous-goods#:~:text=Shipping%20Dangerous%20Goods%20and%20Hazardous,to%20fit%20your%20shipping%20needs>
- PPE Donning and Doffing:
 - <https://ipo.rutgers.edu/rehs/ru-personal-protective-equip>
 - <https://www.cdc.gov/hai/pdfs/ppe/ppe-sequence.pdf>
 - Use example #1 Sequence for Doffing Reusable PPE
 - It is acceptable to don a new-clean pair of gloves between steps 2&3
 - Use example #2 for Doffing Single Use PPE
 - It is acceptable to don a new-clean pair of gloves between steps 1&2