

Safety measures for work in the virus & bacterial lab

- All work with S2/RG2 pathogens needs to be done in the virus lab 114.6 or bacteria lab 115.6 only, and need to be documented in the lab log book.
- An extra lab coat closing on the back or a one-time coat is required in the virus & bacterial lab; also make sure you wear long clothes, closed shoes and gloves if needed and you have your hair restrained (not loose).
- Handling of S2/RG2 pathogens need to be done in a clean bench.
- While working in the clean bench with S2/RG2 pathogens, additionally wear a second pair of gloves and protective sleeves that need to be wasted after finishing clean bench work or immediately when contaminated.
- If you transport infectious cultures or infected eggs outside the bench (e.g. from the incubator to the clean bench) in not closed containers or tubes, you and all persons in the lab additionally need to wear safety goggles, shoe coverings and an FP2 mask.
- Avoid the use sharp items incl. glass beakers or flasks, scalpels and needles.
- Do not produce aerosols: do all pipetting steps in a clean bench, use tightly closed containers for while vortexing and centrifugation, use aerosol tight rotor lids.
- After finishing work, incubate possibly contaminated surfaces, work items and devices with Meliseptol rapid (or Incidin active 3%) for at least 5 min (60 min. in case of heavy contamination) for disinfection and discard outer gloves and sleeves in the S2/RG2 waste.
- After handling S2/RG2 pathogens and leaving the pathogen lab 114.6 or 115.6, throw away also the inner gloves and wash and disinfect hands.
- When using the vacuboy liquid accelerating system, connect the air outlet through a tube to the inside of the bench.
- Liquid waste jars must be clearly marked with "S2/RG2 waste".
- Double-bag solid waste and label with "S2/RG2 waste".
- Transport all biosafety waste in a bucket or waste bin to the autoclave room.
- Transport of S2/RG2 pathogens and material containing S2/RG2 pathogens outside the virus or bacterial lab only in break-proof, tightly closed, clearly labelled transport boxes that are disinfected from the outside.
- In case of an accidental spillage, wear an FFP2 mask, wet the area and incubate for 1h with Incidin active at a final concentration of 3% (take volume of spillage into account), mark the contaminated area, inform others including lab responsible person and biolab PIs. and autoclave all contaminated items, clothes and paper towels afterwards.