

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 (viruses) or bacteria lab 115.6 (bacteria), 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, 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 are transporting infectious cultures or infected eggs outside the bench e.g. from the incubator to the clean bench in not tightly sealed, break-proof containers, 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 lids centrifuge rotors with special lids and
- After finishing work disinfect working area with Meliseptol (incubate for 60 sec.) and waste outer gloves as well as 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 the bench.
- Liquid waste jars must be clearly marked with "S2/RG2 waste".
- All solid waste must be double bagged and labeled with "S2/RG2 waste".
- Transport the solid as well as liquid biosafety waste in a bucket or the original waste bin to the autoclave room.
- In case of an accidental spillage, wear an FFP2 mask, inform others, mark the contaminated area, notify K. Achazi, S. Wedepohl or D. Lauster and start cleaning and disinfection: incubate for 60 sec. with Meliseptol, soak liquid with paper towels, clean again with Meliseptol (incubate for 60 sec.) and autoclave all contaminated items, clothes and paper towels.
- 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.