

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 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 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 accident al 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.