



BIOSAFETY

Biosafety Information

For every analysis and sorting appointment, users must indicate the types of samples to be analysed and identify the Risk Group (RG) categories of any biological agents their samples contain, as enforced by the Directive 2009/41/EC of the European Parliament and of the Council on the contained use of genetically modified microorganisms and the Directive 2000/54/EC of the European Parliament and Council on the protection of workers from risks related to exposure to biological agents at work.

Lab coats and gloves are required **at all times** in the FACS Core labs and eating and drinking is strictly prohibited. Tubes must be capped and sealed prior to vortexing to prevent aerosolization and waste from your experiment must be disposed of in the blue biohazard bins.

The CFFC PKZI FACS Core operates in BSL1 facilities using BSL1 operations as a minimum standard of practice. Therefore, the facility is capable of handling samples designated as RG1. **No RG2, RG3 and RG4 agents are permitted on the Arias.**

For sorts above BSL1 ask for availability of the FACSJazz.

A guideline for assessing RG categories of your samples can be found here:

For cell lines at:

<https://zag.bvl.bund.de/zelllinien/index.jsf?dswid=4282&dsrid=659&method=export>

For pathogens:

<https://my.absa.org/tiki-index.php?page=Riskgroups>

To produce a BSL1 sample fix your sample with 4% PFA for at least 10 minutes to inactivate all pathogens.

If you cannot find information regarding the RG category for your sample, please contact CFFC@uni-mainz.de .