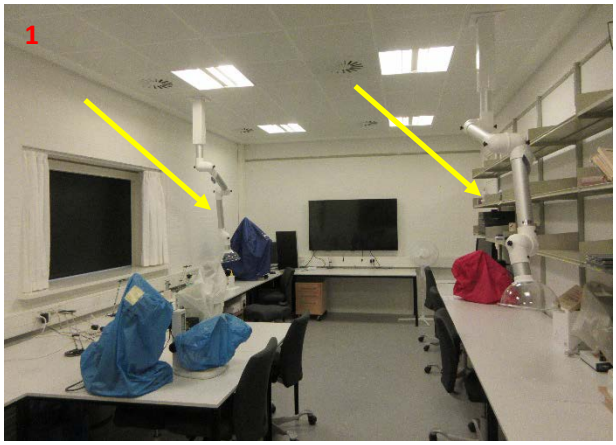
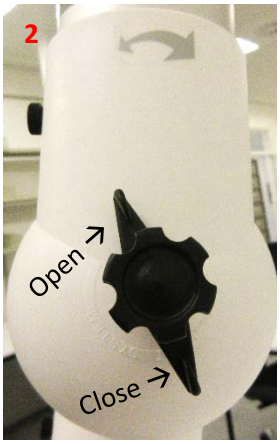
Use of ventilation in 1672-220 – microscopy





1: Two flexible arms extends into an open hood.

2: Turn clockwise to open hood and maximize flow, turn counterclockwise to close hood and minimize flow.

3: Store bottles below hood.

Fumes from organic solvents etc. may lead to headaches or worse.

When **using** any organic solvent, acetone, ethanol, isopropanyl, immersion oil etc. on slides or samples, setup a station to work under one of the two available flexible arms. The flow is at its highest at a maximum distance of 10-20 cm from the hood itself. Further away the flow will be useless, therefore it is vital that the arm of the hood is bent as close as possible towards the area you need to ventilate.

When **storing** substances, you should store them as advised by the accompanying MSDS. Normally that would be in *a ventilated area* for the above mentioned substances. Store bottles (especially open squeeze bottles where evaporation is constant) beneath one of the hoods to avoid fumes escaping.

Note that the airflow for any room is optimized as a “closed” system: Keep the door shut to maximize ventilation when needed.

When the flex-arms are not being used: Close them tight to save energy and maximize ventilation in other areas of the building.

16-09-2019/Charlotte Rasmussen, laboratory manager.