

Discussion list:

<https://forum.microlist.org/t/covid-19-guidelines-for-imaging-core-facilities/977>

Coronavirus:

Airflow: <https://www.erinbromage.com/post/the-risks-know-them-avoid-them>
<https://www.cdc.gov/infectioncontrol/guidelines/environmental/appendix/air.html>
<https://www.nejm.org/doi/full/10.1056/NEJMc2004973>
<https://www.medrxiv.org/content/10.1101/2020.03.15.20036673v2>
https://www.cdc.gov/niosh/topics/aerosols/pdfs/Aerosol_101.pdf
<https://www.pnas.org/content/early/2020/05/12/2006874117>
<https://onlinelibrary.wiley.com/doi/10.1111/j.1600-0668.2004.00317.x>
<https://www.biorxiv.org/content/10.1101/2020.03.10.986711v1>
<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>
https://www.who.int/gpsc/5may/Guide_to_Local_Production.pdf
[https://www.journalofhospitalinfection.com/article/S0195-6701\(20\)30046-3/fulltext](https://www.journalofhospitalinfection.com/article/S0195-6701(20)30046-3/fulltext)

Room Purge Equation is $t = (1/A) * \ln(C_{init}/C_{final}) * 60$ where
t = time required in minutes, assuming ideal mixing
A = air changes per hour
C = concentration of contaminant

Guidelines:

UK: <https://www.gov.uk/guidance/working-safely-during-coronavirus-covid-19/labs-and-research-facilities>
Germany: https://www.gerbi-gmb.de/sites/default/files/2020-04/GerBI-GMB_Corona_Recomm_2020-01-04.pdf
<https://www.gerbi-gmb.de/Corona>
https://www.uni-duesseldorf.de/redaktion/fileadmin/redaktion/Oeffentliche_Medien/Fakultaeten/Mathematisch-Naturwissenschaftliche_Fakultaet/CAI/PDF/CAi-safety-measures_pics.pdf
ABRF: https://abrf.org/sites/default/files/temp/abrf_core_facility_ramp-up_information_v3.1.pdf
WHO: <https://www.who.int/news-room/commentaries/detail/modes-of-transmission-of-virus-causing-covid-19-implications-for-ipc-precaution-recommendations>

New ways of working:

<https://www.adamsmith.org/research/shifting-out-of-lockdown-the-four-days-on-ten-days-off-model>
<https://twitter.com/martinjones78/status/1260526209399693312>
<https://www.teamviewer.com/en-us/buy-now/>
<https://images.app.goo.gl/EtVyVhsYymUA2tUg7>

Safe working:

Door handles: <https://www.thingiverse.com/thing:4229224>

Gloves: <https://www.fishersci.co.uk/shop/products/polyethylene-disposable-gloves/13226738#?keyword=polyethylene+gloves>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5700156/>
Face mask: <https://www.lavision.de/en/news/2020/4302/>
<https://www.theatlantic.com/health/archive/2020/04/dont-wear-mask-yourself/610336/>
<https://www.bmj.com/content/369/bmj.m1435>

Cleaning: <https://www.fishersci.co.uk/shop/products/bactericidal-disinfectant-wipe/12869297#?keyword=WIPES>
http://microscopynotes.com/ilabnyu/BLS_2017.pdf
https://www.starlabgroup.com/GB-en/gloves-safety/laboratory-disinfectant_WebPSub-159946/distel-high-level-disinfectant_PF-SL-154479.html
<https://www.tristel.com/tristel-products/distel-medical>

Keyboard cover: https://www.amazon.co.uk/Hama-00042200-Keyboard-Dustcover/dp/B00005UPBB/ref=psdc_430475031_t2_B012ZL6C2Q
<https://www.amazon.com/BronaGrand-Computer-Keyboard-Protection-Protector/dp/B01AXR9OQ0>
<https://www.wetkeys.com/default.asp>

Remote working / training:

<https://www.rms.org.uk/study-read/news-listing-page/online-microscopy-talks-list.html>

<https://www.youtube.com/channel/UC-hlwQ9Q4GS3rtv2EwSStAQ>

Microscopes

<https://myscope.training>
<https://em-learning.com/>
https://youtu.be/L6dxHCDp_al
<https://online.stanford.edu/courses/soe-ynanofab01-nanostanford>
<http://www.rodenburg.org/>
<https://www.mri.psu.edu/materials-characterization-lab/webinars/playback-recorded-webinars>
<https://event.webinarjam.com/channel/CARwebinar>
<https://www.youtube.com/watch?v=c58P4Zt9xX0>
<https://www.youtube.com/channel/UCykKTH2lhFPRtQV0q31LP2w/videos>
<https://www.youtube.com/watch?v=Zr9wCtwXF8g>
https://static1.squarespace.com/static/5b9183b8fcf7fdac4d3a1067/t/5b9e847170a6ad3a5420aa4e/1537115250356/Field_Finder.pdf
<https://www.zeiss.com/microscopy/int/solutions/laboratory-routine/clinical-laboratory/virology.html#downloads>
<https://www.microscope.healthcare.nikon.com/about/news/recommended-handling-and-disinfecting-procedures-for-nikon-microscope-products-to-reduce-spread-of-infectious-agents-including-sars-cov-2-coronavirus>
<https://www.bioimagingna.org/covid-19-update>

Data Analysis:

Neubias: <http://eubias.org/NEUBIAS/>

<https://www.youtube.com/channel/UC-oy7UpEhRfHQ-5ePCviKFg>

neubiasacademy.org