

SARS-2-COV Outbreak Operation

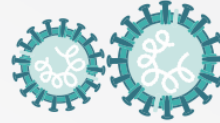
SARS-2-COV (Severe Acute Respiratory Syndrome - 2 - Corona Virus) is a new flu virus that is very infectious with the number of confirmed cases rising exponentially all over the world [1]. SARS-2-COV is a viral infection that has an incubation period of up to 14 days. During the incubation period, the host can infect others while showing no symptoms. The host is infectious before, during and possibly after symptoms are visible. The symptoms include fever, cough and difficulty breathing. The symptoms range from mild to severe. People who are older, have pre-existing conditions or have a weakened immune system are more likely to experience severe symptoms that can lead to death [2]. The virus is transmitted through droplets expelled by the host from coughing. The virus may be able to survive on surfaces for up to 9 days. A person gets infected when the virus enters their body through the eyes, nose or mouth. To avoid infection, it is recommended to keep a distance from people, wash hands regularly and avoid touching your face. If an outbreak occurs, hospitals will get overwhelmed and begin to decide the order of treatment for a large number of patients.

Institutions need to balance the cost of human health against productivity. UHNF is a shared research lab used by graduate students. The UH Office of the Provost has shared information to help faculty decide their response to this outbreak. UHNF will remain open during the outbreak with the following additional requirements for lab members:

1. Lab members showing symptoms are not allowed to enter the lab
2. Enter the lab, use hand sanitizer, then use Lysol to spray the door handle
 - a. Lysol must wet the surface and air dry to be effective
3. Lab members must wear a face mask, goggle, gloves and cleanroom gown
 - a. **The lab will close when we run out of masks**
4. Lab members should keep at least 1-meter distance from each other and minimize interaction
5. If you cough, use isopropyl alcohol to wipe the workstation, place a "Health Hazard" sign at the site and leave the lab
6. If you see the "Health Hazard" sign at a workstation, wipe the workstation with isopropyl alcohol before working

CORONAVIRUS 2019-nCoV

SAFETY ADVICES AND TIPS



SYMPTOMS



FEVER



COUGH



SHORTNESS
OF BREATH



SORE THROAT



HEADACHE

PREVENTION



WASH HANDS WITH
WATER AND
SOAP/SANITIZER,
AT LEAST 20 SECONDS



AVOID CONTACT
WITH SICK PEOPLE



DON'T TOUCH EYES,
NOSE OR MOUTH WITH
UNWASHED HANDS



WEAR A MASK



AVOID
CROWDED PLACES



AVOID CONTACT WITH
ANIMALS AND ANIMAL
PRODUCTS



DO NOT SHARE
EATING UTENSILS
AND FOOD



DON'T EAT RAW FOOD,
THOROUGHLY COOK
MEAT AND EGGS



AVOID TRAVELING TO
AFFECTED AREAS
UNLESS NECESSARY



IF YOU BECOME SICK
SEEK MEDICAL CARE
IMMEDIATELY

IF YOU ARE INFECTED



STAY AT HOME



AVOID CONTACT
WITH OTHERS



COVER YOUR NOSE
AND MOUTH WITH
TISSUE OR ELBOW
WHEN SNEEZING



PUT TISSUES
IN THE TRASH BIN
AND WASH HANDS



KEEP OBJECTS AND
SURFACES CLEAN