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### UNIVERSITY OF UTAH RESEARCH ALERT LEVELS WITH COVID-19 PROTOCOLS

<table>
<thead>
<tr>
<th>GREEN Normal research operations</th>
<th>YELLOW Modified research activities</th>
<th>ORANGE Limited research activities</th>
<th>RED Essential research activities only</th>
</tr>
</thead>
</table>
| Allowable research activities    | • Only activities that can be safely conducted with appropriate situation-specific safety protocols, along with normal EHS guidelines, are permitted.  
• High hazard operations should be minimized. | • Only activities that can be safely conducted with limited personnel and appropriate situation-specific safety protocols, along with normal EHS guidelines, are permitted.  
• High hazard operations should be minimized. | • Priority clinical and pre-clinical research.  
• Animal care or priority animal research.  
• Maintenance of other live organisms (e.g. plants, fungi, non-vertebrates) and cell cultures.  
• Maintenance of equipment/infrastructure that will be damaged by interruptions.  
• Research functions necessary for health and safety.  
• Other urgent research activities if approved by the VPR. |
| COVID-19 Laboratory protocols    | You may only come to campus if:  
• You have had no fever for at least 72 hours (that is three full days of no fever without the use medicine that reduces fevers)  
• Accommodations should be made so that high risk personnel can work from home.  
• Maintain at least 6-feet of | You may only come to campus if the conditions listed under GREEN are met, AND:  
• Anyone who can work remotely should do so.  
• Accommodations should be made for high risk personnel to work from home. | You may only come to campus for essential research if the conditions listed under GREEN are met, AND:  
• Anyone who can work remotely should do so.  
• All meetings should be held electronically. |

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| COVID-19 human subjects research protocols | For both staff and subjects:  
- You have had no fever for at least 72 hours (that is three full days of no fever) AND  
- Remote mechanisms for performing participant  
| You may only conduct human subjects research if conditions in GREEN are met AND:  
- Participant research visits must be performed remotely whenever possible.  
  | If a research visit cannot be performed remotely, |
| separation as often as possible. For example, only one person per bay or one person per half bay, depending on lab configuration.  
- In person interactions should be limited to <50 people.  
- Everyone is expected to follow state guidelines for face coverings.  
- Each lab should maintain a check list of surfaces to sanitize at the start and end of each shift, including shared equipment and fridge doors/handles, etc.  
| Small rooms (e.g., office, procedure room, tissue culture room) should have no more than one occupant.  
- Always maintain at least 6-feet of separation between people AND work areas. For example, only one person per bay or one person per half bay, depending on lab configuration.  
- In person interactions should be limited to <10 people with at least 6 feet of separation at all times.  
- Everyone is expected to follow state guidelines for face coverings.  
- To avoid physical overlap, time at the lab should be scheduled, such as through calendaring.  
- Each lab should maintain a check list of surfaces to sanitize at the start and end of each shift, including shared equipment and fridge doors/handles, etc.  
| Small rooms (e.g., office, procedure room, tissue culture room) should have no more than one occupant.  
- Always maintain at least 6-feet of separation. For example, only one person per bay or one person per half bay, depending on lab configuration.  
- State guidelines regarding face coverings apply.  
- To avoid physical overlap, time at the lab should be scheduled, such as through calendaring.  
- Each lab should maintain a check list of surfaces to sanitize at the start and end of each shift, including shared equipment and fridge doors/handles, etc.  

AND  
- other symptoms have improved (for example, when your cough or shortness of breath have improved) AND  
- at least 7 days have passed since your symptoms first appeared.  
- You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days.
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<table>
<thead>
<tr>
<th>Research Visits</th>
<th>Whenever Possible</th>
<th>Essential Research Visits</th>
<th>Enrollment of New Patients on a Clinical Trial or Other Human Subjects-Related Research</th>
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<td>without the use of medicine that reduces fevers) AND • other symptoms have improved (for example, when your cough or shortness of breath have improved) AND • at least 7 days have passed since your symptoms first appeared. AND • you have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days</td>
<td>If a research visit cannot be performed remotely, the principal investigator, in consultation with the participant’s clinical care provider, should determine if the visit is essential to the participant’s health and/or well-being. Research visits that cannot be performed remotely or in conjunction with a clinical visit and are essential to a participant’s health and/or well-being may be performed in person. Research visits that cannot be performed remotely and are not essential to a participant’s health and/or well-being may be conducted in person. Enrollment of new participants into existing studies should occur only if: 1) participation is essential to a participant’s health and/or well-being; or 2) interactions can be conducted remotely; or 3) the participant is COVID test negative and has been isolated since test results</td>
<td>Research visits for participants who are already enrolled that cannot be performed remotely or in conjunction with a clinical visit and are essential to a participant’s health and/or well-being may be performed in person. Subject already enrolled in existing studies that are non-essential to a participant’s health and well-being, but encouraged to be completed based on pre-defined milestones, can submit their proposal for review by an independent board comprised of clinical experts for potential approval to resume research activities. Enrollment of new patients into existing studies should occur only if: 1) participation is essential to a participant’s health and/or well-being; or 2) interactions can be conducted remotely; or 3) the participant is COVID test negative and has been isolated since test results</td>
<td>the PI, in consultation with the participant’s clinical care provider, should determine if the visit is essential to the participant’s health and/or well-being. Essential research visits MUST comply with Universal Masking policies. In-person non-essential research visits should cease. Research visits that cannot be performed remotely or in conjunction with a clinical visit and are essential to a participant’s health and/or well-being may be performed in person. Research visits that cannot be performed remotely and are not essential to a participant’s health and/or well-being should be postponed. Enrollment of new patients on a clinical trial or other human subjects-related research should occur only if: 1) participation in the</td>
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<tr>
<th>COVID-19 Fieldwork protocols</th>
<th>You may only conduct fieldwork if:</th>
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<td></td>
<td>• You have had no fever for at least 72 hours (that is three full days of no fever without the use of medicine that reduces fevers) AND • other symptoms have improved (for example, when your cough or shortness of breath have improved) AND • at least 7 days have passed since your</td>
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Research is essential to a participant’s health and/or well-being; or 2) the interactions can be conducted remotely.
• Relocation of necessary in-person visits from University Hospitals and Clinics to research compliant space on campus is encouraged. See full guidelines at the VPR COVID-19 website.

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<table>
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<th>COVID-19 social science/arts/humanities protocols</th>
<th>You may only come to campus if:</th>
<th>You may only conduct fieldwork if conditions in GREEN are met AND:</th>
<th>You may only conduct fieldwork if conditions in GREEN are met AND:</th>
<th>You may only come to campus for essential research if the conditions listed under GREEN are met, AND:</th>
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<tr>
<td>You may only come to campus if:</td>
<td>• You have had no fever for at least 72 hours (that is three full days of no fever without the use medicine that reduces fevers) AND</td>
<td>• Accommodations should be made so that high risk personnel can work from home.</td>
<td>• Anyone who can work remotely should do so.</td>
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<tr>
<td>AND</td>
<td>• other symptoms have improved (for</td>
<td>• Maintain at least 6-feet of separation as often as possible.</td>
<td>• Accommodations should be made so that high risk personnel can work from home.</td>
<td>• All meetings should be held electronically.</td>
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<td>14 days.)</td>
<td>• In person interactions should be limited to &lt;50 people AND work areas.</td>
<td>• Always maintain at least 6-feet of separation between people AND work areas.</td>
<td>• Small rooms and offices should have no more than one occupant.</td>
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**COVID-19 Animal research protocols**  
(excludes zebrafish; please contact Centralized Zebrafish Animal Resource Facility for specific guidance)

- **Normal IACUC, IBC and EHS protocols, procedures and oversight apply.**
- In addition, you may only enter a Vivarium space if:
  - You have had no fever for at least 72 hours (that is three full days of no fever without the use of medicine that reduces fevers)
  - other **symptoms** have resolved.

- **Animal research may be performed if the conditions listed under GREEN are met, AND:**
  - Personnel who require access to the vivarium have OCM approval.
  - Accommodations are made for high risk personnel to work from home.
  - Always maintain at least 6-feet of separation between people AND work areas. For example, only one person per small room or hood.
  - Laboratory Safety

- **Animal research must be approved by the Vice Dean for Research (HSC) or Associate Dean for Research (main campus) and investigators must complete the OCM COVID-19 restart application form.**
  - You may only perform animal research and enter vivarium space if the conditions listed under GREEN are met, AND:
    - Personnel who require access to the vivarium have OCM approval.
    - Accommodations are made

- **Always maintain at least 6-feet of separation.**
- **State guidelines regarding face coverings apply.**
- To avoid physical overlap, time at offices and campus facilities should be scheduled, such as through calendaring.
- Sanitize at the start and end of each visit to offices and other campus facilities.

- **Only animal care or essential animal research are permitted.**
- You may only perform animal care, essential animal research or enter the vivarium if conditions in GREEN are met AND:
  - Essential personnel complete OCM Vivarium entry application.
  - Essential personnel maintain at least 6-feet separation and wear appropriate PPE.
  - Essential personnel follow Laboratory Safety
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| COVID-19 guidelines for student involvement in research | Student research activities can proceed normally. | • Graduate student research that can be conducted safely is permitted.  
• Accommodations should be made for high risk students and post-docs to work from home.  
• Undergraduate research participation is only permitted onsite when classes and student housing are safely operating on campus. | • Ongoing graduate student research activities should be limited.  
• Graduate students and post-doctoral researchers who are not comfortable working onsite should not be asked to do so.  
• Undergraduate research activities can only be conducted remotely. | • Only essential graduate student research activities are permitted onsite.  
• Graduate students and post-doctoral researchers who are not comfortable working onsite should not be asked to do so.  
• Undergraduate research activities can only be conducted remotely. |

• Improved (for example, when your cough or shortness of breath have improved)  
• At least 7 days have passed since your symptoms first appeared.  
• You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days. | Standards as well as vivarium disinfections and PPE procedures apply. | for high risk personnel to work from home.  
• Personnel maintain at least 6-feet of separation between people AND work areas. For example, only one person per small room or hood.  
• Laboratory Safety Standards as well as vivarium disinfections and PPE procedures are followed.  
• Physical overlap between personnel is limited and time in the lab or vivarium is coordinated with the lab or facility supervisor. | Standards including appropriate laboratory disinfections. |