

Guidelines for Human Xenograft Experiments at UAB

Human cells and tissues have the potential to harbor infectious pathogens. Implementation of Biosafety Level-2 containment, practices, and procedures should be followed when handling human cells and tissues.

Animals that are engrafted with or administered cells of human origin also pose a potential risk to personnel handling the animals. However, since UAB's Animal Resources Program (ARP) requires all Animal Care Staff and researchers to observe universal precautions, the practices in place already mitigate the risk of exposure to the pathogens most likely to be encountered in human xenograft experiments.

Investigators must register any projects proposing human xenograft experiments in mice with UAB's Department of Environmental Health and Safety (EHS). Any investigator experimenting with suspect material must apply the rules of the current AUSI system.

- Implementing of BSL-2 containment, practices, and procedures
- Using standard ARP handling practices
- Posting signage indicating the presence of human xenografted mice

- It will contain the APN and Investigator Name.
- The sign is available on the EHS and IACUC's website.
- Printing and managing the posting of this information is the responsibility of the investigator.

UAB
Human tissue present in animals.

Standard handling practices (ABSL-1)

List projects using primary human tissues (patient derived xenografts (PDX), et cetera)

PI	APN	Notes

CONTACT ARP SAFETY (4-3538) OR UAB EHS (4-2487) FOR ADDITIONAL INFORMATION.

