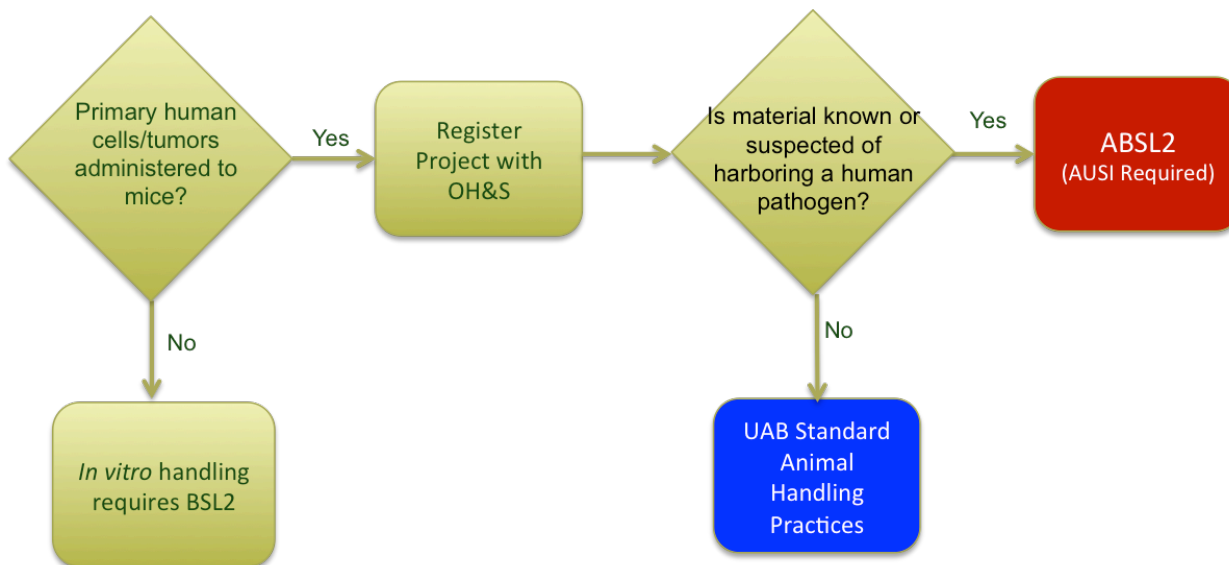


**UAB’s guidelines for conducting human xenograft experiments in mice**

Because of the potential for human cells and tissues to harbor infectious pathogens, animals that have been engrafted with or administered cells of human origin pose a potential risk to personnel handling the animals. UAB’s Animal Resources Program (ARP) has practices in place that mitigate the risk of exposure of animal care staff and investigators to pathogens most likely to be encountered in human xenograft experiments.

Investigators must register any projects proposing human xenograft experiments in mice with UAB Occupational Health & Safety. Any indication that the material to be administered harbors a human pathogen must be indicated on the project registration. For suspect material, the animal biosafety level will be elevated to ABSL-2 employing the current AUSI system. For non-suspect material, standard ARP handling practices will be employed with the addition of signage posted on the door of any room housing the mice. For all experiments, BSL-2 practices must be employed during administration of the material.



A sign indicating the presence of human xenografted mice with the APN and investigator’s name listed must be posted on the door to rooms housing such mice. Printing and posting the sign is the responsibility of the investigator. The sign is available at:

<http://www.uab.edu/ohs/images/docs/bio/material-of-human-origin-sign.pdf>

