

UTRGV Institutional Biosafety Committee (IBC) TRAINING GUIDE – IBC Protocol Registration

IBC Protocol Registration for Research with Recombinant/Synthetic Nucleic Acids.

Description	Initial Training Requirements	Annual Training Requirements
All laboratory related research characterized rDNA research involving the use of Risk Group 1 agents. Section 1: Table 2: Box a	(EHSRM) <ul style="list-style-type: none"> Basic Laboratory Safety/Hazard Communication (PRINCIPAL INVESTIGATOR) <ul style="list-style-type: none"> Research Protocol specific training (CITI) <ul style="list-style-type: none"> NIH Recombinant DNA Guidelines 	(EHSRM AND PRINCIPAL INVESTIGATOR) Additional training is to be done whenever a new physical or health hazard is introduced into the work area.
rDNA involving the use of Risk Group II agents. Section 1: Table 2: Boxes (2b - 2o)	(CITI) <ul style="list-style-type: none"> Biomedical Responsible Conduct in Research 	
ADDITIONAL classes required based on respective research		
If you are working with biological agents that are classified as a bloodborne pathogen (BMBL) (e.g. cells, tissue, blood, OPIM)	(CITI) or EHSRM <ul style="list-style-type: none"> OSHA Bloodborne Pathogen 	(CITI) or EHSRM <ul style="list-style-type: none"> OSHA Bloodborne Pathogen
If you plan on shipping or receiving organisms that are classified as BSL-2 or above.	(CITI) <ul style="list-style-type: none"> Shipping and Transport of Regulated Biological Materials 	
Does the study involve human volunteers? (Section 5 rDNA protocol) If study involves clinical contact with volunteers, Clinical Safety Training is required through EHSRM.	(EHSRM) <ul style="list-style-type: none"> Clinical Safety Training (BBP) Additional IRB Training Requirements 	(EHSRM) <ul style="list-style-type: none"> Clinical Safety Training (BBP) Additional IRB Training Requirements
Does this study involve the use of “Dual Use” or potential biological weapons or drug resistance enhancements? (Section 7 rDNA protocol)	(CITI) <ul style="list-style-type: none"> Select Agents, Biosecurity, and Bioterrorism Dual Use Research of Concern (DURC) 	
Does this study involve the introduction of rDNA/synthetic DNA into animals or the use of transgenic/knockout animals? (Section 8 HBA protocol)	(EHSRM) <ul style="list-style-type: none"> Annual Occupational Health and Safety Training Additional IACUC Training requirements 	(EHSRM) <ul style="list-style-type: none"> Additional IACUC Training requirements

(CITI) - CITI Program Biosafety and Security Courses (BSS): <https://www.citiprogram.org/index.cfm?pageID=14>

(EHSRM) - Environmental Health Safety and Risk Management classes: www.utrgv.edu/ehsrm/programs/training