

ACEC TRAINING

All individuals engaged in laboratory animal research at Dasman Diabetes Institute, or under the oversight of the DDI ACEC, are required to complete practical and theory training prior to the engagement of animal research.

Theory Training

CITI is a well-respected, web-based training product that was designed by, and is updated and maintained by, several nationally known research professionals. CITI is based at the University of Miami. It is designed around topic-specific modules, each followed by a short quiz.

The core courses will take approximately 3-4 hours to complete, while each specialized species or model specific course will take approximately 45-60 minutes to complete. Please note that the courses do not have to be completed in one sitting. CITI is user-friendly and available 24 hours a day, 7 days a week.

Practical Training

Practical training must be completed prior to this requirement. Practical training is conducted in-house under direction of the Animal Facility Manager.

Specialized Techniques Training is also available on an as-needed basis and includes topics such as oral gavage, tail vein injection, and submandibular blood collection. Please discuss requests with the Animal Facility Manager.

Required Modules

Mandatory for All working with Mice

PRACTICAL TRAINING	THEORY TRAINING
	Principle Investigators
Orientation of Rodent Facility	<ul style="list-style-type: none"> Working with IACUC Working with Mice
Rodent Handling and Restraint	Other Researchers
	<ul style="list-style-type: none"> Working with Mice

Mandatory for All working with Rats

PRACTICAL TRAINING	THEORY TRAINING
	Principle Investigators
Orientation of Rodent Facility	<ul style="list-style-type: none"> Working with IACUC Working with Rats
Rodent Handling and Restraint	Other Researchers
	<ul style="list-style-type: none"> Working with Rats

Mandatory for all performing Research on Zebrafish

PRACTICAL TRAINING	THEORY TRAINING
Orientation Aquatic Facility	Principle Investigators
Zebrafish Surgery and Post-Operative Care	<ul style="list-style-type: none"> Working with IACUC Working with Zebrafish
Zebrafish Anesthesia	
Zebrafish Analgesia	Other Researchers

Zebrafish Euthanasia

- Working with Zebrafish

Aseptic Surgery in Zebrafish

If you are performing survival surgery on rodents, you must also complete

PRACTICAL TRAINING	THEORY TRAINING
Rodent Surgery and Post-Operative Care Rodent Anesthesia Rodent Analgesia Rodent Euthanasia Aseptic Surgery in Rodents	Principle Investigators
	<ul style="list-style-type: none"> • Working with IACUC • Aseptic Surgery • Reducing pain and distress in laboratory mice and rats
	Other Researchers
	<ul style="list-style-type: none"> • Aseptic Surgery • Reducing pain and distress in laboratory mice and rats • Minimizing Pain and Distress

Additional Training

Additional training, such as biohazard training, radiation safety training or chemical safety training, may be required depending the nature of your animal research.