2018 Wet Lab Descriptions

#1 Vascular Access Port Implant in the Swine Model

This hands-on workshop provides an opportunity to practice surgical technique, become familiar with instrumentation for vascular cannulation and learn valuable skills in a swine model all in a supportive setting with an excellent instructor. Beginners will gain a better anatomical understanding of various approaches and learn basic techniques. More experienced participants will have the opportunity to collaborate with fellow students, refine skills, share experiences and ideas and have immediate feedback to enhance technique for improved outcomes.

Time: 8 am – 11:30 am

Maximum number of participants: 16

Instructor: Dr. Michael Swindle, DVM
Medical University of South Carolina

#2 Intrathecal Lumbar Catheterization in Rats

This hands-on laboratory experience will introduce participants to the equipment, surgical technique, and nuances of performing an intrathecal lumbar catheter placement using the lumbar puncture approach in the rat model. This is a great opportunity for those who need experience with the rodent model or those who wish to fine tune their training with this implantation technique in the company of experienced instructors.

Time: 8 am – 11:30 am

Maximum number of participants: 10

Instructor(s): Eric L. Adams M.S., SRS, Northern Biomedical Research Inc.
Andy Carlson, SRS, Northern Biomedical Research Inc.

#3 Multiple Infarction (MI) Demonstration in the Swine Model

Time: 1 pm – 4:30 pm

Maximum number of participants: 10

Instructor: Dr. Jeanne Marie Ruddy MD
Medical University of South Carolina

#4 Regional Anesthesia and Analgesia/Advanced Suturing Techniques

This unique hands-on workshop will provide the opportunity to observe, learn and practice placement of various regional anesthetic blocks and epidural analgesia as well as advanced suturing techniques using the swine model.
Abdominal organs, dermis, ophthalmic, musculoskeletal and dental are just some of the tissues that will be provided to participants. Experienced surgeons will be present to provide advanced suturing instruction and assistance.

Time: 1 pm – 4:30 pm

Maximum number of participants allowed: 12

Instructor(s): Amy Martunas, CVT, RLATg, SRA
Jan Bernal, DVM
Pfizer Global Science & Technology – Comparative Medicine

#5 Myocardial Infarction (MI) in the Rat Model

The induction of myocardial infarction in animal models is becoming increasingly important in research. This workshop provides an opportunity to create myocardial infarction in the rat model while receiving hands-on instruction from surgeons very experienced in this procedure.

Time: 1 pm – 4:30 pm

Maximum number of participants allowed: 10

Instructor: Brad Gien, Envigo