

SCBM377 Use of Experimental Animals for Scientific Research 1(1-0-2)
Academic Year 2023
Semester 2

Course Coordinators:

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Date: Jan 11 – Feb 29, 2023
Room: P401 (Physic Building)

Laboratory: Faculty of Science,
 Phayathai Campus

DATE	TIME	TOPIC	INSTRUCTOR
	8.30-9.00	Orientation: Introduction, learning objectives, and practical information	Dr. Ruedee Hemstapat
Thur 11 Jan	9.00-10.00	L1: Overview: Veterinary Role in Biomedical Research	Dr. Erin Ball
	10.00-12.00	L2: Laboratory and Comparative Pathology Techniques in Biomedical Research	
Thur 18 Jan	9.00-11.00	L3: Standard animal care	Dr. Richard Kelly III
	11.00-12.00	L4: Animal models in biomedical science: general consideration	
Thur 25 Jan	9:00-12:00	L5: Basic techniques for animal Experimentation: Orientation for the laboratory session	Dr. Ruedee Hemstapat
Thur 1 Feb	9.00-10.00	L6: Observation of experimental animals: Pain and distress	Dr. Nattapon Panupinthu
	10:00-12.00	L7: -Occupational health and safety in the care and use of research animals -Drugs and agents used in animal experimentation: analgesics, anesthetics, euthanizing agents, antiseptics and disinfectants	
Thur 8 Feb	9.00-10.00	L8: Anatomy, breeding and reproduction of rodents	Dr. Somyoth Sridurongrit
	10.00-12.00	L9: Basic techniques for animal dissection	Dr. Sutharinee Likitnukul
Thur 15 Feb	9:00-12:00	Visiting the Laboratory Animal Facility, Faculty of Science, Mahidol University	Dr. Visut Rawiwet Dr. Napawan Hirunwiroj and Dr. Ruedee Hemstapat
Thur 22 Feb	9:00-12:00	Visiting the primate research Laboratory Animal Facility, AFRIMs	Dr. Ruedee Hemstapat and Dr. Napawan Hirunwiroj
Thur 29 Feb	9.00-12.00	Written exam	Dr. Ruedee Hemstapat