

SCBM377 Use of Experimental Animals for Scientific Research 1(1-0-2)
Academic Year 2021
Semester 2

Course Coordinators:

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Date: Jan 19 – Mar 2, 2023
Room: P401 (Physic Building)

Laboratory: Faculty of Science,
 Phayathai Campus

DATE	TIME	TOPIC	INSTRUCTOR
Thur 19 Jan	8.00-8.15	Orientation: Introduction, learning objectives, and practical information	Dr. Ruedee Hemstapat
	8.15-10.00	L1: Standard animal care	Dr. Richard Kelly III
	10.00-11.00	L2: Animal models in biomedical science: general consideration	Dr. Richard Kelly III
	11.00-12.00	L3: Humane endpoints: What and why?	Dr. Richard Kelly III
Thur 26 Jan	9.00-10.00	L4: Anatomy, breeding and reproduction of rodents	Dr. Somyoth Sridurongrit
	10.00-12.00	L5: Basic techniques for animal dissection	Dr. Sutharinee Likitnukul
Thur 2 Feb	9:00-12.00	L6: Basic techniques for animal Experimentation: Orientation for the laboratory session	Dr. Ruedee Hemstapat
Thur 9 Feb	9.00-10.00	L7: Observation of experimental animals: Pain and distress	Dr. Ruedee Hemstapat
	10.00-12.00	L8: -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	Dr. Nattapon Panupinthu
Thur 16 Feb	9.00-12.00	Visiting the Laboratory Animal Facility, Faculty of Science, Mahidol University	Dr. Visut Rawiwet/ Dr. Napawan Hirunwiroj Dr. Ruedee Hemstapat Dr. Sutharinee Likitnukul
Thur 23 Feb	9:00-12:00	Visiting the primate research Laboratory Animal Facility, AFRIMs	Dr. Ruedee Hemstapat / Dr. Sutharinee Likitnukul Dr. Napawan Hirunwiroj
Thur 2 Mar	9.00-12.00	Written exam	Dr. Ruedee Hemstapat