



**TALAS Post-conference Workshop III
Rodent Anesthesia & Analgesia Workshop**

June 8, 2018

**Two Half-Day Programs A and B
(Morning Program A - in Thai, Afternoon Program B - in English)**

**Location: Room 401, 4th Floor, the 60th Year Veterinary Science Building
Faculty of Veterinary Science, Chulalongkorn University, Bangkok**

This workshop will train researchers, veterinarians, and veterinary technicians to provide basic, safe, and effective anesthesia for common laboratory animal species. Certificates of Attendance will be provided.

Goals

- To practice a mouse inhalation anesthesia technique (hands-on)
- To be familiar with inhalation and injectable (demo) anesthesia techniques
- To be familiar with inhalation anesthesia machine and its components
- To be familiar with complete anesthesia setting up & perioperative monitoring equipment; and routine maintenance of the systems
- To learn practical analgesia formulations and techniques for common laboratory animals
- During discussion session, participants are encouraged to bring questions and information for any species they are using in their facilities
- Large animal anesthesia set up will be shown as an example during the workshop

Lead Instructor: Cholawat Pacharinsak DVM, PhD, DACVAA

Co-instructors: Patrick Sharp DVM, MRCVS, DAACLAM

Sumit Durungpongthorn DVM, DVSc

References:

1. Pacharinsak, C. Smith, JC. (Ed) (2017) Handbook of Anesthesia and Pain Management in Laboratory Animals: Rodents, 1st Edition. CRC Press, Taylor and Francis group, Boca Raton, FL.
2. Pacharinsak, C, Sharp, PE. Pocket Handbook of Non-human Primate Clinical Medicine: Anesthesia in Nonhuman Primates. 1st ed. CRC Press, Boca Raton, FL. pp 1-33.
3. Pacharinsak, C, Sharp, PE. Pocket Handbook of Non-human Primate Clinical Medicine: Pain Management. 1st ed. CRC Press, Boca Raton, FL. pp 35-53.

Workshop Program A
June 8, 2018, 08:30 to 12:00
Presentation in Thai/English (Limited 25 Thai participants)

8.30 – 9.30	Lecture/Demonstration
9.30 – 10.15	Practice inhalational anesthesia (mouse) Group 1
10.15 – 11.00	Practice inhalational anesthesia (mouse) Group 2
11.00 – 12.00	Discussion with the experts
12.00 – 13.00	Lunch

Workshop Program B
June 8, 2018, 12:00 to 16:30
Presentation in English only!
(Limited 25 participants)
Registration fee includes the two reference books 1 and 2

12.00 – 13.00	Lunch
13.00 – 14.00	Lecture/Demonstration
14.00 – 14.45	Practice inhalational anesthesia (mouse) Group 1
14.45 – 15.30	Practice inhalational anesthesia (mouse) Group 2
15.30 – 16.30	Discussion with the experts

Sponsors



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Instructors' CV



Assistant Professor Cholawat Pacharinsak DVM, PhD, DACVAA
Director of Veterinary Anesthesia, Pain Management and Surgery
Department of Comparative Medicine, Stanford University School of Medicine, CA, USA

Dr. Pacharinsak is an Assistant Professor and Director of Veterinary Anesthesia, Pain Management, and Surgery at Stanford University's Department of Comparative Medicine at Stanford University; he is a Diplomate of the American College of Veterinary Anesthesia and Analgesia (DACVAA). He received his DVM from Chulalongkorn University, Thailand and trained in an Anesthesiology and Pain Management residency program and received his Master's degree at Washington State University. He completed his PhD in Pain Neuroscience from the University of Minnesota. Prior to arriving at Stanford, Dr. Pacharinsak was a faculty member in Anesthesiology and Pain Management at Michigan State University and Purdue University; and served as a Clinical Specialist at UCLA.



Assistant Professor Sumit Durongphongtorn DVM, DVSc.
Department of Veterinary Surgery, Faculty of Veterinary Science, Chulalongkorn University
Bangkok, Thailand

Dr. Durongphongtorn is an Assistant Professor at Department of Veterinary Surgery, Chulalongkorn University. He received his DVM from Chulalongkorn University, Thailand and trained in an Anesthesiology residency program at Ontario Veterinary College, University of Guelph. He has actively involved in clinical anesthesia at Veterinary Teaching Hospital and also supported medical training in laboratory animals.



Patrick Sharp; DVM, MRCVS, DAACLAM
CEO, Animal Resources Authority
Adjunct Professor, School of Veterinary and Life Science
Murdoch University
Perth, Western Australia

Dr. Sharp is the Chief Executive Officer of Western Australia's non-regulatory, statutory authority, the Animal Resources Authority. He received his Doctor of Veterinary Medicine (DVM) degree from Purdue University. He completed his postdoctoral fellowship at the Washington University School of Medicine in St. Louis and is a Diplomate of the American College of Laboratory Animal Medicine (ACLAM). He is a Member of the Royal College of Veterinary Surgeons.

Dr. Sharp serves as a private consultant for various organizations providing various services including facility planning/design and AAALAC accreditation preparation. Dr. Sharp has worked in government, industry, and has held domestic and international academic appointments and positions at the David Geffen School of Medicine at UCLA (Los Angeles, California, USA), University of Florida(Gainesville, Florida, USA), the National University of Singapore (Singapore), and the Fundação Champalimaud's Centre for the Unknown (Lisboa, Portugal). Dr. Sharp has served as an AAALAC ad hoc consultant specialist.

Dr. Sharp has supported Comparative Medicine training, including both ACLAM-approved training programs and international training opportunities for laboratory animal graduate veterinarians and veterinary students. He has strived to increase the quality of animal care through personnel education at all animal care levels and through the design and construction of better vivaria and research support facilities.
