



The 13th TALAS International Conference
Program Overviews and Instructions for Registration
(Foreign Participants)
June 25 – 30, 2019 (Tuesday to Sunday)
Bangkok, Thailand

On behalf of TALAS and AFLAS President, Dr. Parntep Ratanakorn, TALAS Organizing Committee would like to welcome all participants from AFLAS member countries including P.R. China, India, Indonesia, Republic of Korea, Malaysia, Japan, Philippines, Singapore, Sri Lanka, Taiwan R.O.C. and Thailand; as well as our friends and colleagues from Australia, New Zealand, Mongolia, Myanmar, Cambodia, Laos, and Vietnam. At this time, we have more than 20 confirmed speakers from Canada, P.R. China, Denmark, Italy, Republic of Korea, Malaysia, Singapore, Thailand, U.K. and U.S.A.

Overview of the TALAS Conference Improvements

- This year we will implement “**green meeting**” as much as possible in preparation for the total green conference next year at AFLAS congress 2020 in Chiang Mai on June 22-26, 2020. There will be limited printed materials given at the meeting. Please bring your laptop or small computing device that will allow you to download the meeting programs, Speakers’ CV and plenary topic handouts, and be able to take sufficient notes. Please be noted that some of the materials will have password protected access.
- The new TALAS website is ready, <http://talasthailand.org/index.php> and then AFLAS Congress 2020 website will be coming soon.
 - Online registration features will include the confirmation what to be shown exactly on certificates of attendance, and also allow online payment. Please plan well to register in advance and pay the fee timely as the pre-registration system will be closed on **May 15, 2019**.
- Poster Awards: This year we will accept scientific poster presentation. If you wish to submit an abstract, please do before **May 15, 2019**. Please be notified that three poster awards will be presented at the closure of the conference on June 28, 2019.

Conference Programs Overviews

On June 25, 2018 (Tuesday), there are two choices of preconference IACUC training (Presentation in Thai) and AAALAC International conference in English organized concurrently at Berkeley Hotel Pratunam, Bangkok, <https://www.berkeleypratunam.com/>.

Please seek detailed information of the two programs and choose one as you prefer when you register! Subsequently, you will be notified regarding the meeting room and other arrangement.

- I. Basic Institutional Animal Care and Use Committee (IACUC) Training (Presentation in Thai) – International Standard at Mayfair Grand Ballroom A
- II. AAALAC International Conference entitled, “Improving Animal Welfare and Animal Care and Use Standards – Peer Review Site Visit Assessment Issues and Case Scenarios Discussion” at Jubilee Ballroom

The AAALAC International conference will emphasize the accreditation process and will use animal care and use case scenario issues commonly found at AAALAC International site visits in the Pacific Rim region. The common issues are adapted from all aspects of animal care and use program including program oversight by Institutional Animal Care and Use Committee (IACUC), veterinary care program, occupational health and safety program (OHSP), physical plants, animal environment and administrative aspects of the program.

On June 26 – 28, 2019 (Wednesday – Friday), the main TALAS conference will be at Berkeley Hotel Pratunam, Bangkok, <https://www.berkeleypratunam.com/> at Mayfair Grand Ballroom A. All presentations will be in English. Speakers will be requested and will provide their presentation pdf files in advance and all registered participants will have access to these online materials.

On June 26, 2019 (Wednesday), the advanced IACUC training topics include:

- Global perspective on ethics and animal welfare
- Animal care and use program oversight and monitoring – AAALAC International expectation
- Statistics made easy in animal experiments
- Improving animal welfare in the care and use of animals – Singapore experience
- Improving good animal welfare and safety practices in a large institution – Duke-NUS experience
- IACUC protocol challenges - surgeon training using large animals
- Achieving a Good 'Culture of Care'
- Coping with Compassion Fatigue.

These topics are good continuing education for IACUC members, scientists and other relevant personnel engaged in animal care and use program. This will also be great opportunity for you to meet and connect with other IACUC members in other institutions who share the same roles as yours, as well as Institutional Officials (IO), IACUC chairpersons, IACUC administrators or Secretary, veterinarians, scientists, non-scientific, non-affiliated or public IACUC members, biostatisticians, occupational health and safety personnel, facility managers, engineers, or animal technicians.

On June 27, 2019 (Thursday), the current animal models, improving care and use of research animals and animal welfare by responsible science and accreditation topics include:

- Transcriptomic analysis of aortic dendritic cells and macrophages in mouse atherosclerosis model
- AAALAC International exit briefing issues – trend data at global level and Pac Rim region
- When to consider minipigs as an animal model? – current trends
- Brain-machine interfaces in multi-species: a neural prosthesis for the restoration of hand dexterity
- How to choose IVC cages – design variables and essential features
- Cutting-edge embryonic engineering technology for transgenic mouse colony and transgenic mouse colony management
- Surgical models and animal welfare considerations
- Minimally anesthetized model (MAM) for nociception (pain) studies

On June 28, 2019 (Friday), research animal facility design trends and current HVAC issues include:

- Research animal facilities design – basic concepts and current trends for operational function and energy efficiency
- The large animal center of Singapore – challenges and progress
- Special Panel Discussion: Heating, ventilating and air-condition (HVAC) – basic and maintenance

The facility design related presentations will cover common traditional research animals, rodents and larger animal species. This will also be suitable for architect and engineer who involving in research animal facility design and renovation, as well as research animal facility maintenance engineer and mechanical staff. Please be noted that Thai translation of content summary and discussion will be provided.

On June 29, 2019 (Saturday), post-conference two half-day workshops (Group A or Group B) in English, **Training the Trainer Hands-on Workshop: Essential Rodent Handling Techniques**.

The workshops will demonstrate the training techniques used at the National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, U.S.A. to familiarize new investigators and animal care staff with techniques commonly used with rats and mice. When register, please choose Group A (morning) or Group B (afternoon)! Each workshop will accept limited number of participants – **up to 15 persons** (first come, first served)! The workshops will be at Rooms 106 and 216, Central Animal Facility, Faculty of Science, Mahidol University, Bangkok. Transportation pick-up time from Berkeley Hotel lobby to the workshop location will be posted in the program.

On June 30, 2019 (Sunday), post-conference workshop in English, **Training the Trainer Hands-on Workshop: Essential Rodent Soft Tissue Surgical Techniques**.

The workshops will demonstrate the methods used to teach essential rodent surgical techniques at the National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, U.S.A and Charles

River Safety Assessment Canada. You will be familiarized with soft tissue surgical techniques commonly used with rats and mice. The workshop will accept limited number of participants – **up to 16 persons** (first come, first served). The workshops will be at Rooms 106 and 216, Central Animal Facility, Faculty of Science, Mahidol University, Bangkok. Transportation pick-up time from Berkeley Hotel lobby to the workshop location will be posted in the program.

Registration Fees

Dates	Conferences Workshops	Early Registration Fee (including lunch) until May 15, 2019	Registration Fee (including lunch) After May 15, 2019
June 25, 2019	Preconference II: AAALAC International Conference	100 USD	150 USD
June 26-28, 2019	Main TALAS Conference	350 USD	400 USD
June 29, 2019	Training the Trainer Hands-on Workshop: Essential Rodent Handling Techniques Group A (morning) or Group B (afternoon)*	150 USD*	200 USD*
June 30, 2019	Training the Trainer Hands-on Workshop: Essential Rodent Soft Tissue Surgical Techniques**	250 USD**	300 USD**

* Each workshop will accept limited number of participants – **up to 15 persons** (first come, first served basis)! Please register in advance and pay timely!

** Each workshop will accept limited number of participants – **up to 16 persons** (first come, first served basis)! Please register in advance and pay timely!

Final program information: TALAS website, <http://talasthailand.org/index.php>

Please contact Dr. Thattawan Kaewsakhorn, thattawan@gmail.com or Dr. Wantanee Ratanasak, w_ratanasak@yahoo.com if you have any question.