



SUMMARY REPORT OF

TALAS International Symposium (The 9th TALAS Annual Training and Workshop) “*Institutional Animal Care and Use Committee (IACUC) Training and Current Issues in Laboratory Animal Research*”

9th - 11th September 2015

Location: Koja Seeha Room, 5th Floor, Faculty of Veterinary Science
Mahidol University - Salaya Campus, Nakhon Pathom, Thailand

Keynote and Plenary Speakers:

1. **Dr. Kathryn Bayne**, MS, PhD, DVM, DAACLAM, DACAW, CAAB
Global Director, AAALAC International
2. **Dr. Bryan Ogden**, DVM, DAACLAM
Attending Veterinarian, SingHealth Experimental Medical Centre, Singapore
3. **Dr. Leslie Retnam**, BVetSc, MLAS, MRCVS
Attending Veterinarian, Biological Resource Centre, Singapore
4. **Dr. George Lathrop**, DVM, MS, DAACLAM
*Deputy Chief, Animal Resources Branch
National Center for Emerging, Zoonotic and Infectious Diseases
Center for Diseases Control, Atlanta, USA*
5. **Dr. Montip Gettayacamin**, DVM, DAACLAM
Senior Director for Southeast Asia, AAALAC International
6. **Dr. Ekkachai Mahaek**, PhD (Architecture)
Assistant to the President for Physical Facilities and Environment, Chiang Mai University
7. **Mr. Donovan Yap Yoong Fook**, BE, (Nanyang Technological University)
Managing Director, Enercov (Singapore) Co. Ltd.
8. **Dr. Suzita Mohd. Noor**, PhD
*Senior Lecturer, Department of Biomedical Science, Faculty of Medicine
University of Malaya*
9. **Dr. Rawiwan Im-erbsin**, DVM
*Assistant Chief, Research and Laboratory Animal Medicine
Department of Veterinary Medicine, USAMC-AFRIMS*
10. **Dr. Pattamarat Kunjara**, PhD
Expert in Research System, National Research Council, Thailand

11. **Dr. Niwat Kangwanrangsarn, Ph.D.**
Lecturer, Department of Pathobiology, Faculty of Science, Mahidol University
12. **Ms. Siripan Wongwanich, MSc**
*Retired Principal Medical Scientist, Department of Medical Sciences
Ministry of Public Health, Thailand*
13. **Mr. Ekkapob Srichumnan, BE, LATG**
Vivarium QC Engineer, USAMC-AFRIMS, Thailand
14. **Mr. Marco Brocca**
Tecniplast Aquatics Market Manager, Italy

Invited Panel Discussion Speakers from developing countries in the region:

1. Associate Professor Dr. Joko Pamungkas, MSc.
Director, Research Animal Facility-Lodoya, Primate Research Center at Bogor Agricultural University, Indonesia
2. Dr. Pooi-Fong Wong, PhD
Head of Laboratory Animal Unit , Faculty of Medicine, University of Malaya, Malaysia
3. Dr. Luida C. Cruz, DVM, MSc
Veterinary Pathology, President- Philippine Association for Laboratory Animal Science (PALAS), Philippines
4. Dr. Nguyen, Ba Tiep, D.M.V
Director, Laboratory Animal Center, Faculty of Veterinary Medicine, Vietnam National University of Agriculture, Vietnam
5. Dr. Watthana Theppangna, DVM., PhD
National Animal Health Laboratory
Head of BSL3 Management, Lao PDR
6. Dr. Erdenesaikhan Tegshduuren, D.V. M., Ph.D
Officer for Small Animal Policy and Animal Forage Production
Ministry of Food and Agriculture of Mongolia, Mongolia
Note: She could not attend but participating by sending the presentation and handout.

Additional Invited Panel Discussion Speakers from Thailand:

1. LTC Christine A. Ege, DVM, MPH, DACLAM
Attending Veterinarian, United States Army Medical Component, Armed Forces Research Institute of Medical Sciences (USAMC-AFRIMS), Bangkok
2. Dr. Daam Sethachan, PhD
IACUC Chairperson, Chulabhorn Research Institute, Bangkok
3. Dr. Saijai Cheunsuk, DVM, MSc, PhD
IACUC Committee Member, National Laboratory Animal Center
Mahidol University, Nakorn Pathom
4. Dr. Navakanit Sachanonta, DVM, MSc, PhD
Attending Veterinarian, National Institute of Health, Department of Medical Sciences, Ministry of Public Health (Thai NIH), Nonthaburi

5. Dr. Rattima Jeenapongsa, PhD
IACUC Chairperson, Naraesuan University, Phitsanulok
6. Dr. Thattawan Kaewsakhorn, DVM, PhD
Director, Laboratory Animal Center, Chiang Mai University, Chiang Mai
7. Mr. Chetphong Butthep, MSc
Director, Institute of Animals for Scientific Purposes Development (IAD)
National Research Council of Thailand

Participants



Total participants: 181

- Thailand: 151
- Other countries: P.R. China, Indonesia, Italy, Lao PDR, Philippines, Taiwan ROC, Mongolia, Malaysia, Singapore, Vietnam, and USA: 30

Revenue Summary

Items	Income (EUR)	Items	Expenditure (EUR)
ICLAS	4,000	Economic class, round-trip airplane tickets	4,350
Registration fee	10,825	Accommodation	3,800
Sponsor	3,300	Meeting Venue	7,200
		Local transportation	800
		Accessories	900
		Others	500
Total	18,125	Total	17,550

Final Program

9 September 2015

IACUC Training: Advancing in Laboratory Animal Research and Welfare

- 08:00 – 08:30 Registration
- 08:30 – 09:00 **Welcome remark and opening ceremony and Honorary Membership Certificate Presentation**
by Associate Professor Parntep Ratanakorn
President, Thai Association for Laboratory Animal Science (TALAS)
- AFRIMS - TALAS Exemplary Laboratory Animal Technician Award ceremony**
by MG Sayan Sawatsri
Director General, Armed Forces Research Institute of Medical Sciences (AFRIMS)
- 09:00 – 10:00 **Keynote Topic: Global Issues to Improve Laboratory Animal Standards – 50 Years of Success**
Dr. Kathryn Bayne, MS, PhD, DVM, DACLAM, DACAW, CAAB
Global Director, AAALAC International
- 10:00 – 10:30 Coffee/Tea/Snack Break
- 10:30 – 11:30 **Keynote Topic: Emergency Preparedness and Disaster Planning for Animal Facilities – Principles and Large-scale Disasters**
- Dr. Bryan Ogden, DVM, DACLAM**
Attending Veterinarian, SingHealth Experimental Medical Centre, Singapore
- 11:30 – 12:00 Practical Emergency Preparedness and Disaster Planning for Animal Facilities - Thailand
Dr. Rawiwan Im-erbsin, DVM
*Assistant Chief, Research and Laboratory Animal Medicine
Department of Veterinary Medicine, USAMC-AFRIMS*
- 12:00 – 13:00 Lunch & Networking (organized seating by positions or responsibilities, i.e. Institutional Officials, Institutional Animal Care and Use Committee (IACUC) Chairpersons, IACUC Administrators/Secretaries, Attending Veterinarians/Veterinarian, Scientists and Biostatisticians, IACUC Non-Scientists/Public Members, Animal Care and Support Supervisors and Technicians, Veterinary Technicians, Occupational Health and Safety Personnel, Engineers and Mechanical staff, and Others)
- 13:00 – 13:45 IACUC Hot Topics - AAALAC International Accreditation
Dr. Montip Gettayacamin, DVM, DACLAM
Senior Director for Southeast Asia, AAALAC International
- 13:45 – 14:30 Animal for Scientific Purposes Act and Institutional Animal Care and Use Committee (IACUC) Issues (Presentation in Thai)
Dr. Pattamarat Kunjara, PhD
Expert in Research System, National Research Council, Thailand
- 14:30 – 15:00 Coffee/Tea/Snack Break

15:00 – 17:30 **Common IACUC Issues at AAALAC International Site Visits: What have been seen?**

Moderator: Dr. Kathryn Bayne, MS, PhD, DVM, DACLAM, DACAW, CAAB

Global Director, AAALAC International

- SingHealth Experimental Medical Centre, Singapore
Dr. Bryan Ogden, DVM, DACLAM
Attending Veterinarian
- Biological Resource Centre, Singapore
Dr. Leslie Retnam, BVetSc, MLAS, MRCVS
Attending Veterinarian
- Research Animal Facility-Lodoya, Primate Research Center at Bogor Agricultural University, Indonesia
Associate Professor Dr. Joko Pamungkas, MSc.
Director
- Faculty of Medicine, University of Malaya, Malaysia
Dr. Pooi-Fong Wong, PhD
Head of Laboratory Animal Unit
- United States Army Medical Component, Armed Forces Research Institute of Medical Sciences (USAMC-AFRIMS), Bangkok, Thailand
LTC Christine A. Ege, DVM, MPH, DACLAM
Attending Veterinarian
- Chulabhorn Research Institute, Thailand
Dr. Daam Sethachan, PhD
IACUC Chairperson
- National Laboratory Animal Center, Mahidol University, Thailand
Dr. Saijai Cheunsuk, DVM, MSc, PhD
IACUC Committee Member
- National Institute of Health, Department of Medical Sciences, Ministry of Public Health (Thai NIH), Thailand
Dr. Navakanit Sachanonta, DVM, MSc, PhD
Attending Veterinarian
- Naraesuan University, Phitsanulok, Thailand
Dr. Rattima Jeenapongsa, PhD
IACUC Chairperson
- Chiang Mai University, Chiang Mai, Thailand
Dr. Thattawan Kaewsakhorn, DVM, PhD
Director, Laboratory Animal Center

10 September 2015
Capacity Building and Networking Initiative of Southeast Asian Countries

- 08:00 – 09:00 Registration
- 09:00 – 10:30 **Keynote Topic:** Singapore Experience – Advanced Biomedical Hub of the Region
Dr. Leslie Retnam, BVetSc, MLAS, MRCVS
Attending Veterinarian, Biological Resource Centre, Singapore
- 10:30 – 11:00 Coffee/Tea/Snack Break
- 11:00 – 12:00 **Keynote Topic:** Singapore – Large Animal Centre to Serve the Country Need
Dr. Bryan Ogden, DVM, DACLAM
Attending Veterinarian, SingHealth Experimental Medical Centre, Singapore
- 12:00 – 13:00 Lunch Seminar (Lunch Boxes: Sponsored by N.Y.R. Limited Partnership)
- 13:00 – 14:30 Energy Saving and Maximizing Equipment Function in Animal Facilities
Dr. Ekkachai Mahaek, PhD (Architecture)
Assistant to the President for Physical Facilities and Environment, Chiang Mai University
Mr. Donovan Yap Yoong Fook, BE, (Nanyang Technological University)
Managing Director, Enercov (Singapore) Co. Ltd.
- 14:30 – 15:00 Coffee/Tea/Snack Break: **sponsored by Allpets Asia Pte Ltd**
- 15:00 – 16:00 Humanized Mice Overview – What are we using at Mahidol University
Dr. Niwat Kangwanrangsan, Ph.D.
Lecturer, Department of Pathobiology, Faculty of Science, Mahidol University
- 16:00 – 17:30 Laboratory Animal Science - Strength and Need (15 min each)
Moderator: Dr. Parntep Ratanakorn, TALAS President
- **Indonesia** – Research Animal Facility-Lodoya, Primate Research Center at Bogor Agricultural University
Associate Professor Dr. Joko Pamungkas, MSc.-*Director*
 - **Malaysia** – Faculty of Medicine, University of Malaya
Dr. Pooi-Fong Wong, PhD- *Head of Laboratory Animal Unit*
 - **Mongolia** - Ministry of Food and Agriculture of Mongolia
Dr. Erdenesaikhan Tegshduuren, D.V. M., Ph.D
Officer for Small Animal Policy and Animal Forage Production
 - **Philippines** - Philippine Association for Laboratory Animal Science (PALAS)
Dr. Luida C. Cruz, DVM, MSc Veterinary Pathology-*President*
 - **Singapore** - Biological Resource Centre
Dr. Leslie Retnam, BVetSc, MLAS, MRCVS-*Attending Veterinarian*
 - **Thailand** – National Research Council of Thailand
Mr. Chetphong Butthep
Director, Institute of Animals for Scientific Purposes Development (IAD)
 - **Vietnam** - Faculty of Veterinary Medicine, Vietnam National University of Agriculture
Dr. Nguyen, Ba Tiep, D.M.V. - *Director, Laboratory Animal Center*
 - **Lao PDR-** National Animal Health Laboratory
Dr. Watthana Theppangna- *Head of BSL3 Management*

11 September 2015

Current Issues in Laboratory Animal Research

- 08:00 – 09:00 Registration
- 09:00 – 10:00 **Keynote Topic:** Biosafety and Biosecurity Concepts and Implementation Processes for ABSL-2 and ABSL-3 Facilities
Dr. George Lathrop, DVM, MS, DACLAM
*Deputy Chief, Animal Resources Branch
National Center for Emerging, Zoonotic and Infectious Diseases
Center for Diseases Control, Atlanta, USA*
- 10:00 – 10:30 Are you ready for ABSL-4 Facilities?
Dr. George Lathrop, DVM, MS, DACLAM
*Deputy Chief, Animal Resources Branch
National Center for Emerging, Zoonotic and Infectious Diseases
Center for Diseases Control, Atlanta, USA*
- 10:30 – 11:00 Coffee/Tea/Snack Break
- 11:00 – 12:00 OECD GLP Studies in Thailand – Get ready
Ms. Siripan Wongwanich, MSc
*Retired Principal Medical Scientist, Department of Medical Sciences
Ministry of Public Health, Thailand*
- 12:00 – 13:00 TALAS Activity Reports (Lunch Boxes)
- 13:00 – 14:00 Practical and Functional ABSL-3 Requirements and Maintenance (40 min)
Mr. Ekkapob Srichumnan, BE, LATG
Vivarium QC Engineer, USAMC-AFRIMS, Thailand
- 14:00 – 14:30 Coffee/Tea/Snack Break
- 14:30 – 15:15 Laboratory Animal Facility Renovation – Selection of Choices
Mr. Ekkapob Srichumnan, BE, LATG
Vivarium QC Engineer, USAMC-AFRIMS, Thailand
- 15:15 – 16:00 Zebrafish – Advantages and Current Trend
Dr. Suzita Mohd. Noor, PhD
*Senior Lecturer, Department of Biomedical Science, Faculty of Medicine
University of Malaya*
- 16:00 – 17:00 Zebrafish – Environment, Housing and Management
Mr. Marco Brocca
Tecniplast Aquatics Market Manager, Italy
- 17:00 – 18:00 Refreshment at Exhibition Hall sponsored by N.Y.R. Limited Partnership**

Certificate of Honorary Membership



AFRIMS-TALAS Exemplary Laboratory Animal Technician Award



The 9th TALAS Annual Training and Workshop





Common IACUC Issues at AAALAC International Site Visits: What have been seen?



Laboratory Animal Science - Strength and Need



Indonesia



Malaysia



Vietnam



Singapore



Lao PDR



Philippines



Thailand
