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, DACLAM, DACAW, CAAB
   Global Director, AAALAC International

2. **Dr. Bryan Ogden**, DVM, DACLAM
   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, DACLAM
   Deputy Chief, Animal Resources Branch
   National Center for Emerging, Zoonotic and Infectious Diseases
   Center for Diseases Control, Atlanta, USA

5. **Dr. Montip Gettayacamin**, DVM, DACLAM
   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. Rawiwat 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 Kangwanrangsan**, 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. Luidia 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

![List of flags representing participants from various countries](image)

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

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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)

1300 – 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 Jeenapongsaa**, 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

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