

REGISTRATION FORM

Please complete the following form and mail or fax to the Workshop Secretariat. Please type or write clearly.

Name:

Designation:

Dept./Institution:

Address:

Tel. No.:

Fax No.:

E-mail:

Signature: Date:

Mode of Payment :

Cash

Money Order/Postal Order/Cheque

Food preference : Non vegetarian

Vegetarian

Note:

For UPM participants, if registration fee is paid through research grant:

Research vot. No.:

(Supervisor/Project Leader's signature and official stamp)

LOCATION

**Tongkat Ali Room Level 4
Institute of Bioscience
Universiti Putra Malaysia
43400, Serdang Selangor**

DATE

27 – 29 May 2014

REGISTRATION FEE

The workshop registration fee is **RM 1,000.00**. It can either be paid by cash or Money Order/Postal Order/ Cheque/ LO made payable to "Bendahari Universiti Putra Malaysia". Kindly bring the cash or Money Order/Postal Order/Cheque/LO to the Workshop on the day of registration.

FOR ANY ENQUIRES :

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WORKSHOP ON THE CARE & USE OF RODENTS AND RABBITS IN RESEARCH



Organized by :

**Research Management Centre
Office of Vice Chancellor
(Research and Innovation)
&
COMeT, IBS**



INTRODUCTION

Animal studies are conducted to give a better understanding of the pathogenesis, efficacy and complications they are likely to be encountered in humans. Bridging the data obtained from *in vivo* studies to be extrapolated to humans, these animals serve as the biological system to test new compounds, procedures and physiological phenomena. With growing concerns for the ethical use of these animals in research, many countries have made it mandatory for all researchers to be proficient in the sciences of these animals which include the proper management and handling, before being allowed to use them in their studies. This is in line with extensive evidence from various studies which has shown that stress resulting from improper management, handling and manipulations will result in skewed and irreproducible data. Not only is this a waste in terms of resources such as money and time but results in the unnecessary sacrifice of animals. Thus the objective of this workshop is to disseminate knowledge and information on basic biology, management practices as well as welfare issues encountered in the use of laboratory animals to ensure its proper use.

WHO SHOULD ATTEND

The workshop is targeted for scientists, researchers, and students currently working with laboratory rodents and rabbits. The workshop however is limited to 30 participants.

TENTATIVE PROGRAM

PROGRAM DAY 1

8.30 - 9.00 am
Registration

9.00 - 9.15
Opening ceremony
Yang Berbahagia Prof Dr Abdul Rahman Omar
Director, Institute Biosains, UPM.

9.15 - 10.00 am
Ethics in the use of animals in research
(ASSOC. PROF. DR. ABDUL RAHIM MUTALIB)

10.00 - 10.30 am
Tea break

10.30 - 11.30 am
Comparative anatomy and physiology of the laboratory rodents and rabbits
(ASSOC. PROF. DR. GOH YONG MENG)

11.30 - 12.45 pm
Overview of anesthesiology and euthanasia in Lab Animals
(DR. CHEN HUI CHENG)

12.45 - 2.00 pm
Lunch break

2.00 - 5.00 pm
Practical session: MICE

Handling, restraint, bleeding and inoculation techniques
(Tea break at participants' convenience).

PROGRAM DAY 2

8.30 - 9.30 am
Management of laboratory rodent and rabbit
(DR. FUZINA NOR HUSSEIN)

9.30 - 10.00 am
Tea break

10.00 - 11.00 am
Humane end points.
(DR. FUZINA NOR HUSSEIN)

11.00 - 12.00 pm
Experimental design and biostatistics
(ASSOC. PROF. DR. GOH YONG MENG)

12.00 - 12.45 pm
Genetics and nomenclature of rodents strains.
(ASSOC. PROF. DR. GOH YONG MENG)

12.45 - 2.00 pm
Lunch break

2.00 - 5.00 pm
Practical sessions: RATS
Handling, restraint, bleeding and inoculation techniques
(Tea break at participants' convenience).

PROGRAM DAY 3

8.30 - 9.30 am
Diseases and management related problems of rodents and rabbits
(ASSOC. PROF. DR. ABDUL RAHIM MUTALIB)

9.30 - 10.00 am
Tea break

10.00 - 10.45 am
Functions of the IACUC
(ASSOC. PROF. DR. ABDUL RAHIM MUTALIB)

10.45 - 11.45 pm
Signs of stress and disease
(DR. FUZINA NOR HUSSEIN)

11.45 - 12.30pm
Occupational Health and safety in using animals for research
(DR. FUZINA NOR HUSSEIN)

12.30 - 2.00 pm
Lunch break

2.00 - 5.00 pm
Practical sessions: RABBITS
Handling, restraint, bleeding and inoculation techniques

Certificate presentation and closing ceremony.