

Last Name _____ First Name _____

Title/Position _____ Organization/Company _____

Address _____

City _____ State _____ Postcode _____

Phone _____ Fax _____ Mobile _____

E-mail address _____

We would like to circulate a list of participants (name and e-mail address) at the course, please tick here if you wish to be included on this list.

Invoice Details: Please provide all the information requested to avoid delays in processing the application

Organization/Company _____

Administration Manager E-mail _____

Address _____

City _____ State _____ Postcode _____

VAT Registration Number (if you are an individual please provide the National Identification Number)

Registration Fee 1.660 SARs

The Registration Fee includes participation in the scientific programme, lunches and coffee breaks. The working language of the course is English.

A good knowledge of English is required

THE COURSE WILL ONLY RUN IF WE HAVE REACHED THE MINIMUM NUMBER OF PARTICIPANTS BY **MARCH 11, 2016**

Policy on Cancellation

The course confirmation will be accompanied by the Order Acknowledgement with payment details.

Payment of the fee is due before the course commencement.

Cancellation policy: All cancellations must be made by writing (email or fax) to the secretary.

Payment of the balance of the course is due, in full, for cancellation received after invoice raising.

Registrants who fail to attend without advance notice are liable for the entire course fee.

Please save or print this form and send by email: secretary@fondazioneguidobernardini.org or fax: +39 02 45 07 02 12



FONDAZIONE GUIDO BERNARDINI
BETTER EDUCATION FOR BETTER SCIENCE

THREE DAY COURSE

Organizing and Operating Activities in a Laboratory Rodent Facility 11th to 13th of April 2016

OBJECTIVES

This three-day course aims to provide participants with an understanding of the organization and management of a laboratory animal facility in all its aspects. It also aims to help students to feel more confident with their everyday activities and technical tools.

The expert faculty of this course will introduce general and essential topics such as: animal biology and welfare and will go deep into more specific subjects such as: health monitoring and breeding of genetically modified rodents. They will pay particular attention to the new technological developments and scientific needs of research and will accompany the participants through activities that are aimed to improve their ability to face and solve everyday problems.

CONTENTS

Layouts, functional areas, equipment, and workflows; Bio-containment and bio-exclusion: definitions and technical solutions; Main procedures in "clean" and "dirty" areas; Washing and decontamination; Health monitoring programmes; Colony management; Staff training and management: duty assignment and working scheduling, per diem calculation and attribution.



RECIPIENTS

Facility and unit managers and supervisors, manager assistants, persons responsible for overseeing the welfare and care of animals, designated and assistant veterinarians, senior animal technologists, quality assurance managers.



**King Faisal Specialist Hospital & Research Centre
Riyadh, Saudi Arabia**

CONTENTS

Essential principles in the care and use of laboratory animals

Introduction to laboratory rodents: Physiology and behaviour, recognizing distress, housing requirements.

Ethics: Animal welfare; The 3Rs

The animal facility: functional areas and workflows

Facility planning and design

Key components in an animal facility

Workflows of animals, personnel and equipment: risks and possible solutions

Pros and cons of different choices when laying out

Different functional areas

Bio-containment & Bio-exclusion

Bio-containment & Bio-exclusion: definition and meaning

Bioprotection of staff; Allergen control

Pathogens, protection of animals, staff and environment (BSL2 & BSL3)

Technical solutions/barriers, primary containment

- Filter Top - Isolators - Cubicles - Individually Ventilated Cages (IVC)

Impact on the organization and workload

Cage change procedures

Pros and cons of different procedures

Integral cage change Vs partial cage changes: impact on biosecurity, workload and layout

Cleansing

Cleaning routine procedures in the animal facility

Washing

Washing: why, when and how

Washing equipment

Visually Vs microbiologically clean

Standard loads, special loads, cycles

Use Vs non use of detergents

Autoclaving

Why autoclaving?

Equipment and workload

Standard cycles, preparation of loads

Cycle monitoring and Quality Assurance

Possible problems and drawbacks

Decontamination

Definitions and meaning

Selection of non heat-resistant equipment

Preparation of loads

Definition and monitoring of VHP cycles

Pros and cons of chemical disinfection

Equipment logistic in the animal facility

Management of routine activities in the facility

Animal care procedures – Technicians' weekly schedule

Non-animal care procedures

Health monitoring programmes

Recognizing clinical infection

Why should we worry about health monitoring?

Microbiological agents and real risks

FELASA recommendations

IVCs and their impact on health monitoring

Proposed approach to peculiar needs in IVCs health monitoring programmes

Quarantine procedures

Positive findings: what to do

Breeding and maintenance of transgenic colonies

Housing and care of GA animals

Colony management

Occupational health and safety

What is in OH &S

Allergens and zoonosis

Engineering, practice and administrative controls

Description of participants' facility

Characteristics of the facility

Peculiar technical solutions

Problems to be discussed with speakers/other participants

Practical activities in the animal care unit

Visit of the facility

REGISTRATION DEADLINE
MARCH 11TH, 2016