

REPORT ON THE FGB COURSES AND WORKSHOPS

“INVERTEBRATES AS ALTERNATIVE MODELS IN BIOMEDICAL RESEARCH”

Lausanne, 12 february 2016

Some 80 participants, mostly belonging to the research field on mouse models, attended the seminar. It was a unique and successful opportunity to rediscover to what extent living organisms are diverse. Insects, molluscs, worms and shellfishes made possible numerous great discoveries in neurobiology during the first half of the 20th century and on mouse genetics in its second half.

All the results presented during the seminar highlighted the fact that biological diversity is an asset in deciphering fundamental biological mechanisms. Invertebrates are certainly very different from vertebrates in general and from human in particular, nonetheless their simplicity and diversity make their use as alternative models very powerful. In biomedical science the use of invertebrates is for sure a complementary



alternative to rodent models, in disciplines as diverse as immunity, infectology and neurosciences (neurodegenerative pathologies, memorization, inflammation). « Enlightening » a scientific question from various perspectives clearly enhances our fundamental knowledge in a way that can only be beneficial to human and animals

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Lausanne, CH

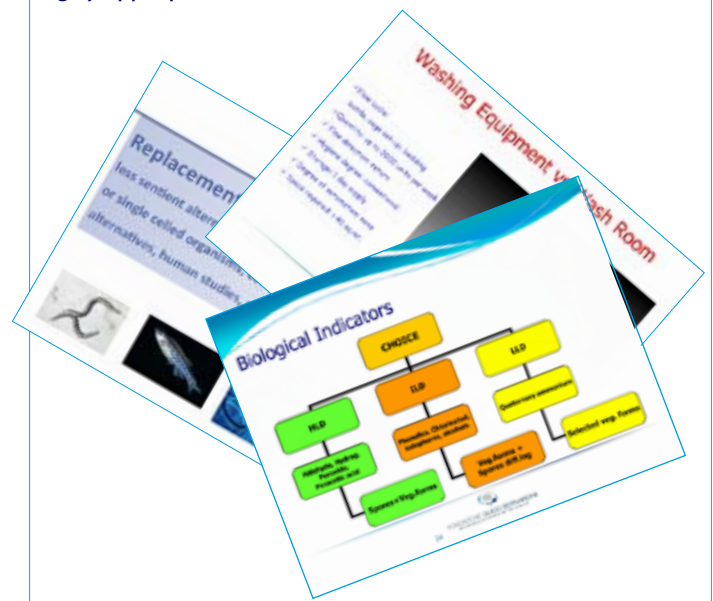
“ORGANIZING AND OPERATING ACTIVITIES IN A LABORATORY ANIMAL FACILITY”

Milan, 16-18 March 2016



The three days course held in Milan at IFOM-IEO Campus in Milan, Italy, 11-13 March, was at its seventh edition since 2012, besides the one organized in Singapore in 2013 and, more recently, in Riyadh. This is a particularly successful course as it offers introductory theoretical elements along with more specific information and components of practical experience. The programme is revised every year in order to include the most updated

information on the subject. The topics cover: biocontainment and bioexclusion; cage changing procedures; cleansing, washing, autoclaving and decontamination procedures; health monitoring; management of routine activities in the animal facility. The 10 attendees from ??? different countries found this course very useful; they particularly appreciated the excellent interaction and practical discussions on how to solve problems. The visit of the animal facilities was also considered highly appropriated.



“HANDS-ON TRAINING IN SYSTEMATIC REVIEWS OF ANIMAL STUDIES”

FGB Conference Centre, 12 April 2016

The workshop was the result of a FGB collaboration with Syrcle (Systematic Review Centre for Laboratory animal Experimentation), the research and education centre of the Central Animal Laboratory (CDL) of the Radboud University Medical Center.



The theoretical concepts of systematic review of animal studies were provided together with practical examples of the different steps of which systematic reviews typically consist. Systematic Review is “the process of systematically locating, appraising and synthesizing



evidence from scientific studies in order to obtain a reliable overview”. The workshop allowed the participants a hands-on experience with: comprehensive search strategies, validity of animal studies, data extraction and meta-analysis. It was a successful workshop with fruitful and constructive discussions on quality and translatability of animal studies

“ORGANIZING AND OPERATING ACTIVITIES IN A LABORATORY ANIMAL FACILITY”

Riyadh, 11-13 April 2016

In a unique collaboration with Fondazione Guido Bernardini, the three-day course was held at the King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia. This course was taught by training experts namely: Dr. Gianpaolo Milite and Dr. Alberto Gobbi and local speakers as well. The audience was from different institutions in Saudi Arabia, Oman and United Arab Emirates (UAE) with veterinary, technical and scientific background. This is by far the largest group assembly of laboratory animals’ specialists in the Gulf region.



The presentations covered general principles on laboratory animals’ care, local regulations, operation and organization of animal facilities and occupational health as well. The presentations were very well received by the participants and stimulated lots of interactive discussions. It was clear that presentations filled big-knowledge gap and the course was an eye-opener for many individuals on how to operate their animal facilities efficiently. We have already many requests to run such courses on annual basis which indicates the course content was helpful and enjoyable by the audience. The course was a collaborative effort between the two institutions to promote education, training and awareness about this important field in this part of the world.

Abdullah M. Assiri, DVM, PhD
King Faisal Specialist Hospital & Research Center
Riyadh , Saudi Arabia

The Fondazione Guido Bernardini is pleased to announce the winner of the FGB TECHNICIAN TRAINING SCHOLARSHIP 2016

FGB is delighted to announce Ms. Dina Bugybayeva as the winner of the 2016 Technician Training Scholarship, chosen by the FGB Scientific Committee among 62 candidates.

Ms. Bugybayeva is veterinarian and animal technologist at the M.Aikimbayev’s Kazakh Science Center for Quarantine and Zoonotic Diseases (KSCQZD), Almaty, Kazakhstan.

Dina has chosen to attend the course “Health monitoring of rodents: traditional and innovative approaches” that will be held in Milan, in a prestigious research facility (12-13 May 2016).

“... I have decided to apply to the FGB technician training scholarship because I would like to enhance my knowledge. This kind of scientific and practical training is immensely valuable not only for the KSCQZD, but also to our country, as there is no readily access to training programs and lack of the necessary funds to complete specified programs. After the completing your training programme I am intending to transfer my gained knowledge to practical skills and further promotes it among my colleagues”.

Congratulations to Dina and best wishes for a productive and successful course!

DO NOT FORGET TO APPLY TO THE 2016 FGB COURSES

ORGANIZING AND OPERATING ACTIVITIES IN A LABORATORY ANIMAL FACILITY	March 16-18, 2016
HEALTH MONITORING OF RODENTS: TRADITIONAL AND INNOVATIVE APPROACHES	May 12-13, 2016
MICROBIOTA AND GNOTOBIOTIC MANAGEMENT	September 22-23, 2016
THE MANAGEMENT OF GENETICALLY MODIFIED RODENT COLONIES	October 6-7, 2016
MANAGING RESOURCES IN THE MODERN ANIMAL FACILITY	November 16-18, 2016

NEVER STOP LEARNING.



ANNUAL ACTIVITY REPORT FOR YEAR 2015



For year 2015 the Fondazione Guido Bernardini (FGB) has been engaged in a wide range of training and scientific activities and has confirmed its respectable role in the field of education and training.

In the FGB spirit of benefiting of the collaboration of important organizations in various regions of the world, the workshop on “Managing Resources in the Modern Animal Facility“ was held in February in

Melbourne, Australia, with the valuable support of La Trobe University. This was the first FGB training event in Australia, and hopefully there will be others in the future.

TRAINING COURSES

During 2015 FGB organized five training course, one held in Melbourne, Australia and four in Milan, Italy. All courses were awarded continuing professional development (CPD) credits by the Institute of Animal Technology (IAT), the Swiss Veterinary Association and the Society of Biology. The feedback questionnaires received from the attendees of all courses showed that between 80% and 100% of participants found the

The positive experience gained in Australia was repeated in autumn in Italy with some changes in the scientific programme. The course was designed to provide technical and non-technical skills to cope with increasingly complex and new issues such as funding and administration, hiring staff and human resources management.

The 2015 was characterized by an intense activity of establishing new and strengthening already existing collaboration with several international organizations. This has resulted in the 2016 calendar that is rich of scientific events co-organized with prestigious institutions.

The Scientific Committee (SC) was renewed at the end of the year and is now composed of seven experts who enthusiastically and effectively contribute to the planning and implementation of FGB courses and scientific events.



training activity attended strongly relevant. Though the majority of participants of the four courses were from European countries, we also welcomed attendees from Argentina, Chile, Israel, Lebanon and US.

2015 TRAINING COURSES

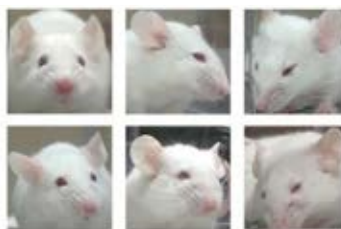
ORGANIZING AND OPERATING ACTIVITIES IN A LABORATORY ANIMAL FACILITY.....	March 4-6, 2015
HEALTH MONITORING OF RODENTS: TRADITIONAL AND INNOVATIVE APPROACHES.....	May 14-15, 2015
ORGANIZING AND OPERATING ACTIVITIES IN A LABORATORY ANIMAL FACILITY.....	June 17-19, 2015
FACILITY PLANNING, LOGISTICS AND TECHNOLOGICAL SOLUTIONS.....	September 17-18, 2015
THE MANAGEMENT OF GENETICALLY MODIFIED RODENT COLONIES.....	October 15-16, 2015
MANAGING RESOURCES IN THE MODERN ANIMAL FACILITY.....	November 16-18, 2015

NEVER STOP LEARNING.



SCIENTIFIC EVENTS

In 2015 FGB has held one scientific event; the International Seminar “Revisiting Refinement in Care and Use of Laboratory Rodents” was held 25-26 June 2015, at FGB Conference Centre, (VA). The seminar saw the participation of international prominent scientists as speakers who discussed the theoretic background and practical applications of refinement in husbandry



and experimental procedures. Around 80 delegates attended the seminar; they particularly appreciated the excellent speakers and the information based on hard scientific data. 100% of participants would have recommended the seminar to their colleagues.



come and visit us at booth **R10**
in the non-profit area

We look forward to meeting you at this event