

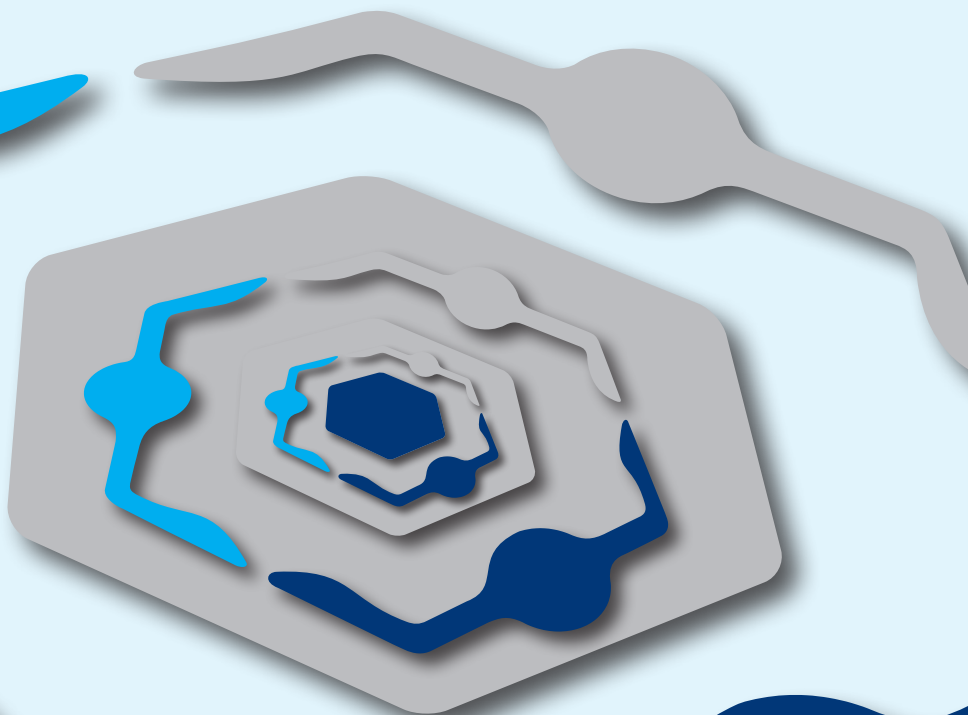


FONDAZIONE GUIDO BERNARDINI  
BETTER EDUCATION FOR BETTER SCIENCE



AALAS affiliate

BETTER EDUCATION FOR BETTER SCIENCE



COURSES AND SCIENTIFIC EVENTS 2017



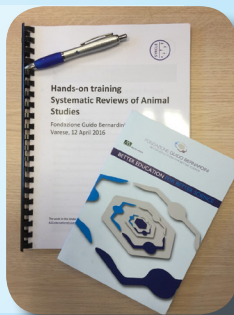
*never stop learning*

The **Fondazione Guido Bernardini (FGB)** is an international non-profit organization dedicated to the education and training of personnel involved in animal care and use.

It is our firm belief that high standards of knowledge and competence in scientific and technical work go hand in hand with good quality research and with animal welfare as well.

FGB is supported by the **Scientific Committee (SC)** that is composed of international, highly reputable experts in the field of laboratory animal science. The FGB SC enthusiastically oversees and contributes to the excellence of educational and scientific programmes.

The **Training Faculty** comprises renowned professionals with extensive experience in the laboratory animal sector including, LAS specialists, veterinarians, facility managers, engineers, architects and quality control managers, etc. The training team covers a variety of topics modulating the programmes through constant interaction with the participants.



### COURSES

FGB courses strive to maintain high standards in teaching and include a variety of topics from which you can choose what best suits your needs. The subjects and contents of the courses are carefully selected to accomplish a specialistic training for the maintenance of competence and the continuing professional development of the participants.

International students attending our educational activities benefit from small class sizes and have the opportunity to interact with fellow students and teachers in a productive learning environment. We are conscious that learning involves participation; the purposely limited number of attendees is functional to stimulate interaction, discussion and sharing of experience.

We have also gained considerable experience in developing and performing tailored courses to meet specific needs.



### CONFERENCE AND SEMINARS

Workshops, Conferences and Seminars are held on timely subjects in laboratory animal science and technology attracting professionals who can find an ideal environment to exchange expertise, ideas and experience on issues of common interest.

The speakers are renowned international experts that greatly contribute to the success of the events and enthusiastically support participants in enhancing and updating their knowledge.



### CERTIFICATION and CPD CREDITS

Each participant receives a certificate that attests the completion of a course or attendance to a scientific event. FGB training activities award continuing professional development (CPD) credits by the Institute of Animal Technology (IAT), the Royal Society of Biology and the Swiss State Veterinary Association.

### WHO SHOULD ATTEND FGB COURSES AND SCIENTIFIC EVENTS

All professionals working with laboratory animals at various levels and with different roles can benefit from our training proposals.

Facility Managers and Supervisor, Veterinarians, Technicians, Laboratory Biologists, Animal Welfare Officers, etc. are all invited to join our classes and participate into lively and interesting discussions.

### REGIONS WHERE THE PARTICIPANTS COME FROM



January	February	March Organizing and operating activities in a rodent animal facility	April
May Pathology of Laboratory Animals Microbiota and gnotobiotic management	June The management of genetically altered rodent colonies Severity classification of animal procedures	July	August
September Health monitoring of rodents: traditional and innovative approaches	October	November The implementation of the 3Rs in the experimental design	December



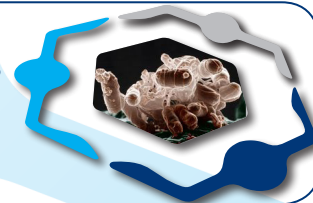
Course “**Organizing and operating activities in a rodent animal facility**”  
Milan, Italy - March 8-10, 2017

The contents of the three days course will focus on the main issues of the organization and management of laboratory animal facilities. 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, and quality assurance managers will be accompanied through theoretical and practical activities that will improve their ability to face and solve everyday problems.

**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.

The course awarded 20 CPD points by IAT; 43.5 CPD credits by the Royal Society of Biology and 2.5 day continuing education for person carrying out procedures on animals and person designing procedures and projects by Swiss Veterinarian Associations

**Registration fee:** 650euro + 22% VAT



Workshop “**Pathology of Laboratory Animals in Biomedical Research**”

Leiden, The Netherlands - May 1-3, 2017

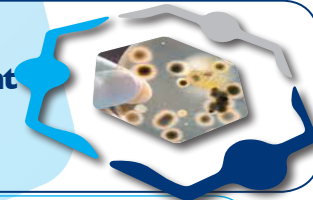
Yearly workshop series on “Pathology of Laboratory Animals”.

Module 1: Pathology of the Mouse and Rat.

This event will be the first of a yearly series of laboratory animal workshops dedicated to residents in veterinary pathology and to veterinary pathologists that have a special interest in laboratory animals. The first module will include lectures, demonstrations, microscope sessions, and mock examinations particularly focused on mouse and rats. In the following years emphasis will be given to other laboratory animal species. The event will cover information for the laboratory animal part examination of the European Board of Veterinary Pathology (ECVP).

**CPD Credits have been requested to:** IAT, Swiss Veterinarian Associations and the Royal Society of Biology.

**Registration fee:** 500 euro



Course “**Microbiota and gnotobiotic management**”  
Milan, Italy - May 4-5, 2017

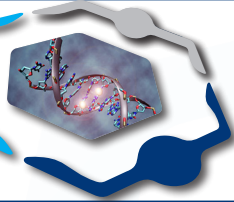
Heads of animal facilities, veterinarians, those responsible for health monitoring and testing of laboratory animals, senior technologists will take full advantages from this course.

Speakers will provide cutting-edge information on gnotobiology history, state of the art and prospective, Interactions of the microbiota with the host, Gnotobiotic animals as experimental models, Technologies and procedures and Quality assurance Strategies to maintain and monitor the defined microbiota will be discussed together with the technological solutions available.

**Recipients:** Heads of animal facilities, veterinarians, those responsible for health monitoring and testing of laboratory animals, senior technologists.

The course awarded 10 CPD points by IAT; 25.5 CPD credits by the Royal Society of Biology and 1.5 day continuing education for person carrying out procedures on animals and person designing procedures and projects by Swiss Veterinarian Associations.

**Registration fee:** 500euro + 22% VAT



### Course “**The management of genetically altered rodent colonies**”

Milan, Italy June 15-16, 2017

The course is designed to provide facility managers and supervisors, animal welfare officers, veterinarians, laboratory biologists, senior technicians and GM colony managers with the most advanced notions on the breeding, husbandry and care of genetically modified rodent colonies. Colony organisation; Breeding; Animal characterisation and identification; Animal welfare; Ethical considerations; Cryo-banking; Databases and networks are the main contents of the lectures. Participants will be invited to present one or more cases from their daily practice in an interactive learning environment that stimulates lively discussion and sharing of experiences.

**Recipients:** Facility managers and supervisors, persons responsible for overseeing the welfare and care of animals, veterinarians, laboratory biologists, senior technicians, GM colony breeding coordinators and managers.

The course awarded 11 CPD points by IAT; 30 CPD credits by the Royal Society of Biology and 1.5 day continuing education for person carrying out procedures on animals and person designing procedures and projects by Swiss Veterinarian Associations.

**Registration fee:** 500euro + 22% VAT



### Conference “**Severity classification of animal procedures**”

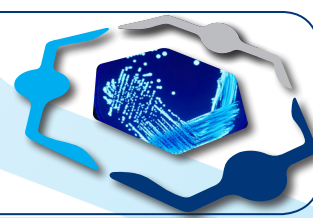
FGB Conference Centre, Italy - June 29-30, 2017

The implementation of severity classification of procedures, both prospectively and retrospectively, is on one hand a big challenge in animal studies in that it entails legal and ethical implications. On the other hand, it is an important and useful tool for properly evaluating research projects with regards to their prospective severity classification, to implement the least constraining procedures and to keep the level of severity of procedures the lowest possible. It also helps to improve communication with the public providing a more detailed picture of animal experimentation by differentiating procedures according to retrospective/actual severity.

**Recipients:** project leaders, scientists applying for project applications, veterinarians, persons responsible for overseeing the welfare and care of animals, advisors to and members of AWB, and senior technicians.

**CPD Credits have been requested to:** IAT, Swiss Veterinarian Associations and the Royal Society of Biology.

**Registration fee:** 500euro + 22% VAT



### Course “**Health monitoring of rodents: traditional and innovative approaches**”

Milan, Italy September 28-29, 2017

The programme includes the description of different laboratory techniques, the most common health monitoring schemes and several other important aspects in the microbiological definition of rodent colonies. The most advanced concepts of animal health and environmental monitoring and a session on Microbiota will explore host-microbiota interactions in animal models.

Facility managers and supervisors, veterinarians, senior technologists, animal care and welfare officers and quality assurance managers will be offered interactive theoretical sessions combined with technical-practical approaches.

**Recipients:** Facility managers and supervisors, veterinarians, senior technologists, persons responsible for overseeing the welfare and care of animals, quality assurance managers.

The course awarded 10 CPD points by IAT; 28 CPD credits by the Royal Society of Biology and 1.5 day continuing education for person carrying out procedures on animals and person designing procedures and projects by Swiss Veterinarian Associations

**Registration fee:** 500euro + 22% VAT



### Course “**The implementation of the 3Rs in the experimental design**”

Milan, Italy - November 23-24, 2017

The pivotal role of 3R's in animal experimentation is highlighted in international laws and guidelines. Ethical and economic reasons are major drivers. This course focusses on the 2Rs of reduction and refinement through appropriate choice of experimental design and statistical analysis methods. Key information will be provided on the options and selection criteria during different stages of the design of an experiment (DOE) and the statistical analysis.

**Recipients:** Investigators, Veterinarians, Animal Welfare Officers and all those involved at different level in definition of DOE aspects.

**CPD Credits have been requested to:** IAT, Swiss Veterinarian Associations and the Royal Society of Biology.

**Registration fee:** 500euro + 22% VAT



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