



FONDAZIONE GUIDO BERNARDINI
BETTER EDUCATION FOR BETTER SCIENCE

NEVER STOP LEARNING.



FORTHCOMING IN 2019

Course
"The management of
Genetically altered rodent
colonies"
May 9-10, 2019
Milan, Italy



Annual workshop series on
"Pathology of Laboratory
Animals"
Module 3:
Pathology of non-human
primates, pigs and ferrets"
June 17-19, 2019
Leiden, NL



Don't wait till the last minute to register
because seats are limited

Additional events are being planned, further information will be published
during 2019!

2019 FGB TECHNICIAN TRAINING SCHOLARSHIP

The Fondazione Guido Bernardini is delighted to announce the winners of the 2019 Technician Training Scholarship identified by the scientific committee of the Fondazione.

The winners are: **Baletta Silvana** (Centro Uruguayo de Imagenologia Molecular, Uruguay) and **Hawkey Joshua** (University of Sydney, Australia)

This year the scholarship has attracted applications from 11 different countries, and the very good level of many candidates made the choice extremely difficult.



FEEDBACK
HOW ARE WE DOING?

Report on the
2nd Italian Zebrafish Meeting
Pisa, IT - January 30 - February 1, 2019



The second Italian Zebrafish Meeting was held in Pisa from January 30th to February 1st, 2019 as result of the joint effort of the University of Pisa, the CNR, the Scuola Normale Superiore, the IRCCS Stella Maris Foundation, ISPRO and with the collaboration of the Guido Bernardini Foundation. Notably, the 163 participants included researchers from European as well as extra-European countries, indicating the international attitude and perspective that the Italian zebrafish community has acquired over the years.

The meeting covered a large range of topics on zebrafish and other teleost species, including the short-lived species *Nothobranchius furzeri* and the blind fish *Phreatichthys andruzzii*, from developmental biology to disease modeling, from advanced biotechnological applications to chemical screens. Among others, several cancer-related or muscular dystrophies were successfully modeled in zebrafish and the tools of molecular biology and gene editing served to get insights on the neurocircuitry during brain development.

The meeting also featured extremely interesting plenary lectures given by two internationally renowned scientists, Prof. Steve Wilson (UCL, UK) and Dr. Richard White (Memorial Sloan Kettering Cancer Center, USA). Furthermore, particular emphasis was given to young researchers that held the largest sessions of the meeting, carefully organized by a junior committee. The contribution of "the young and the wise" in the same meeting is unique in the Italian research scenario and might serve as an example for future similar workshops. Four prizes (two best platform presentations, two best posters) were awarded as a contribute to foster interest and activities of the youngest researchers in the field of zebrafish.

Overall, the meeting was very successful and represented an excellent opportunity to discuss emerging aspects of zebrafish research, to promote networking among researchers and to stimulate creative thinking.



Report on the Course
**"Organizing and Operating Activities
in a Rodent Animal Facility"**
Milan, Italy March 6-8

My name is Alice Au. I am from the Centralised Animal Facilities of the Hong Kong Polytechnic University. I attended the course named "Organization and operating activities in the laboratory animal facility" held in Milan on 6-8 March 2019. In the course, I met people who have been working in animal facilities from other countries such as Germany, Hungary and Netherlands. We shared experiences on animal facility management and operating activities. We also discussed the difficulties encountered in our workplaces. These experience sharing give me insight and solution when I am deal with different scenario in the future.

Every topic covered in the course was informative. Among these, my most interested topic was the animal health monitoring program. A lot of practical and useful information on animal surveillance were delivered during the course. I immediately shared the information to my colleagues when I am back home. This helps our animal facilities to optimize the current animal health monitoring program and provide animals with better quality and hence better service to our animal users.

Last but not least, I was very excited on the tour visit of animal facilities, including the "clean" and "dirty" areas. I was very impressed about the "robotic arm" for the cage cleaning works. By observing its real time operation, I get an insight on the feasibility for installing this robotic arm in my animal facilities. It will effectively reduce the manual handling pressure of our staff.

By providing these course, knowledge on animal facility operation and management would be strengthened, in the worldwide. The ultimate goal of Fondazione Guido Bernardini, "BETTER EDUCATION FOR BETTER SCIENCE" would be achieved.

If it is allowed, I would like to attend the advance course scheduled in November 2019. I am looking forward to getting around professionals of animal facilities from all over the world!

Alice AU - Scientific Officer
Centralised Animal Facilities
The Hong Kong Polytechnic University

"Intensive Course on Biostatistics"

Milan, Italy March 28-29

There, researchers and statisticians spoke the same language, allowing a clear constructive exchange on how to design experimental studies. I was attending the course with plenty of questions regarding statistics. I do not only get answers but also explanations to them, in that respect, (i) to be aware of frequent mistakes or non-senses possibly occurring in experimental designs, (ii) to better consider the surrounding and their impacts of experimental designs, (iii) to feel more comfortable in statistical decision points and meanings

Michel Enderlin-Paput

Senior Scientific Associate in Pharmacology Research, Immunology and Anti-Infectives at Idorsia Pharmaceuticals Ltd. in Allschwil, Switzerland

Course
"Refinements in husbandry
of ferrets
and pigs"

Hamburg, August 22-23, 2019



Course
"Microbiological Monitoring
of Rodents: Traditional and
Innovative Approaches"

Milan, September 26-27, 2019



Course
"Severity and humane
endpoints in fish research"

Bergen, October 4, 2019



Course
"Organizzazione ed attività
in uno stabulario di roditori"
(the course is delivered in Italian)

Milan, October 23-25, 2019



Course
"Organizing and operating
activities in a laboratory
animal facility: II - Critical
points and bottlenecks"

Milan, November 21-22, 2019



visit the website to
be always updated

NEVER STOP LEARNING.



One of the more appreciated characteristics of FGB courses is the emphasis given to practice by creating realistic situations in which attendants can actively participate and learn in an informal and friendly environment.

We structure and design our training courses so that attendees can work in small groups, so to maximise interactivity, by applying extensive "question and answer" techniques, and stimulating the exchange of participants' experiences.

The faculty of FGB training courses, composed of renowned and expert professionals in the field of laboratory animal science, is another aspect that is very much appreciated by the attendees as it results from feedbacks of all our courses.



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