

Annual Activity Report for year 2021

In the year 2021 FGB maintained and enforced a strong commitment to improve the “on-line offer” for education and training.

The challenge of on-line education was first faced in 2020 and, step by step, increasing experiences and network significant achievements had been reached in 2021.

Basically, our Courses’ portfolio was confirmed and registered an optimal response by the targeted audience (full participation in few weeks after the launch and a waiting list for all Courses).

In addition, this new approach allowed to have participants worldwide, in Countries basically hard to reach (ie Australia, New Zealand, Hong Kong).

Beside these activities Fondazione worked actively in promoting events of other partners as done in the past (ie Karolinska Institute, Sweden) and enforcing collaborations to find out new opportunities and tools for education.

In 2021 FGB has been able not only to maintain the quality level of the courses but also to increase it. Those members of SC directly involved in Course management, improved their learning curve, achieving good skills and competencies.

Thus managing Courses by a perfect use of the platform Cisco-Webex Training. The use of platform had been refined and optimized by a dedicated training for some of SC members.

It is a matter of fact that the investment done on this on-line tools gave positive results, allowing to use a safe and reliable platform without need to use others by third parts.

Feedbacks from the participants were very positive, as regard competence and experience of the speakers, topics and interaction, although the filter of distance learning environment.

This contributed to maintain the high standards of quality, typical of Fondazione, confirming the respectability and recognition in the Laboratory Animal Science Community, in Europe as well as in other Countries.

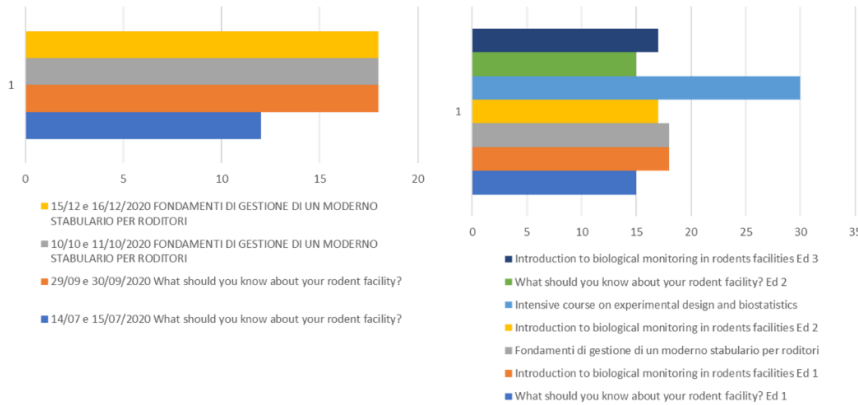
As in the past, in 2021 FGB on-line courses awarded continuing professional development (CPD) credits by the Institute of Animal Technology (IAT) and the Swiss Veterinary Association.

FGB is an AALAS affiliate member and member of the Royal Society of Biology.

2020 – 2021 FGB Course Participants

2020 – 66 participants

2021 – 130 participants



TRAINING COURSES and EVENTS

2021 FGB Initiatives



* Webinar "Italian Zebrafish 2021 – 2022"
Workshop "Communicating with the public"
Virtual Conference "Digital implementation: barriers and challenges in preclinic and clinic" webinar

February, 2-3 OnLine course "What should you know about your rodent facility?" 1st edition

A two-day on-line course designed to provide the key aspects for the management of a modern laboratory rodent facility, with a particular focus on IVC systems.

February, 4&11 Webinar "Italian Zebrafish 2021 – 2022"

The webinars were the opportunity for young and senior scientists of the Italian and International Zebrafish community to share their scientific experience and learn about latest research and cutting-edge research tools and technologies.

March, 2-3 OnLine course "Introduction to microbiological monitoring in rodents facilities"

A two-day course designed to provide the participants with key concepts of the microbiological monitoring of laboratory rodents and their environment.

April, 20 - 21 Online course "Fondamenti di gestione di un moderno stabulario per roditori"

A two-day on-line course designed to provide the key aspects for the management of a modern laboratory rodent facility, with a particular focus on IVC systems.

(reserved to Italian speaking audience)

May, 27-28 Workshop "Communicating with the public"

Workshop focused on improving communication skills in the field of animal research

June, 9 OnLine course "Introduction to microbiological monitoring in rodents facilities"

A two-day course designed to provide the participants with key concepts of the microbiological monitoring of laboratory rodents and their environment.

June, 29 -30 Virtual Conference "Digital implementation: barriers and challenges in preclinic and clinic" webinar

Virtual meeting focused on how digital technologies might contribute to animal research.

September, 3&17 Online course "Intensive course on experimental design and biostatistics"

A course addressed the central question of how to design your experiments and which test to perform given your specific research questions.

Among the solutions, statistics and experimental design play a central role to reach better translatability and reproducibility, in addition to contribute to the Reduction arm of the 3Rs.

October, 12-13 OnLine course "What should you know about your rodent facility?" 2nd edition

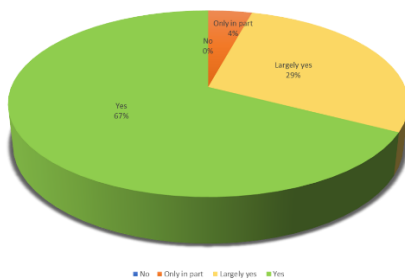
A two-day on-line course designed to provide the key aspects for the management of a modern laboratory rodent facility, with a particular focus on IVC systems.

December, 1st OnLine course “Introduction to microbiological monitoring in rodents facilities”

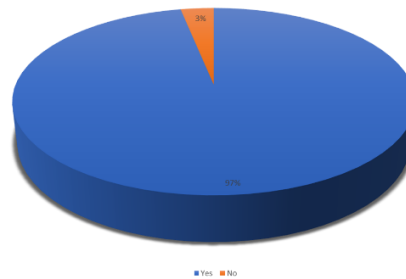
A two-day course designed to provide the participants with key concepts of the microbiological monitoring of laboratory rodents and their environment.

TRAINING COURSES FEEDBACKS

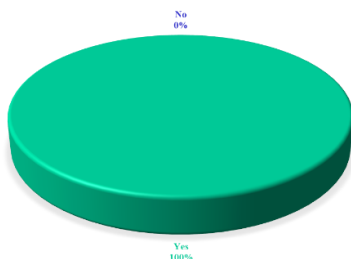
THE COURSE MET MY EXPECTATIONS?



WOULD YOU RECOMMEND THIS COURSE TO YOUR COLLEAGUES?



BASED ON YOUR EXPERIENCE AT THIS COURSE, WOULD YOU ATTEND FUTURE FGB COURSES?



2021 - What did you like most?

- Fantastic speakers, from a wide range of backgrounds. Great coverage of the topics from experts in their fields.
- The practical examples given by the speakers
- The interaction with the speakers
- Videos demonstrating real situation, practical experience of lecturers
- Open discussions
- The topics covered: very useful for my work
- Well structured and clear

PROMOTION ACTIVITIES

FGB was pleased to sponsor the "3R ADVANCES CONFERENCE", University of Hyderabad, India. This is the first step towards what we hope will be a long-term collaboration with the Indian colleagues. Marcel Gyger, member of FGB SC, as leader of this project represented the Fondazione with an online presentation of the activities and mission of FGB.

FGB leaflets or advertisement pages were included in some laboratory animal science international journals.

Lab Animal Europe (LAE). Half page advertisement was published on Buyers' Guide.

Information were regularly distributed by internet to FGB mailing list and published on relevant associations' web sites.

FGB Mailing list was further expanded

FGB website (www.fondazioneguidobernardini.org) was constantly updated to better fulfil the the need of an efficient and timely spread of information

FUTURE INITIATIVES

Courses and a scientific event have been scheduled for 2022:

2022 Calendar Preview

<p>Naples, February, 9-11</p>	<p>3rd Italian Zebrafish Meeting In 2022 we finally meet for the third edition of the Zebrafish Italian Meeting (ZFIM) organized by the University of Naples Federico II in collaboration with Fondazione Guido Bernardini and AISAL, on 9 - 10 - 11 February 2022 in Naples. The meeting promotes network with all scientists using Zebrafish and all other fish for scientific purposes, encourages new collaborations, and gets updated on cutting - edge research in a diverse array of topics. Oral and poster presentations will be selected from submitted abstracts together with outstanding plenary lectures. More information on: https://zfim2022.wixsite.com/2022</p>
<p>March, 2-3, 2022</p>	<p>OnLine course “Cleansing and decontamination: State of the art, innovative approaches, and challenges” The course is focused on modern laboratory animal (mainly rodents) facilities and is designed to provide the participants with concepts of cleaning, decontamination and the main difference between disinfection, pasteurization, sanitization and sterilization. The discussion will be focused not only on the current state of the art solutions but also on the challenges and new possible solutions for cleansing and decontamination procedures.</p>
<p>April 27, 2022</p>	<p>OnLine course “Managing a Gnotobiotic rodents facility: tools and challenges” The course is focused on the key aspects of the microbiota of laboratory rodents. The speakers will provide very practical information on how to approach, manage and monitor a gnotobiotic facility.</p>
<p>May 19, 2022</p>	<p>OnLine course “Cleansing and decontamination: State of the art, innovative approaches, and challenges” 2nd edition</p>
<p>September 28 -29</p>	<p>OnLine course "What should you know about your rodent facility?" A two-day on-line course designed to provide the key aspects for the management of a modern laboratory rodent facility, with a particular focus on IVC systems.</p>

<p>October 7&14, 2022</p>	<p>Online course “Intensive course on experimental design and biostatistics”</p> <p>Currently, the scientific literature is critical of the translatability of <i>in vivo</i> research results and of the reproducibility of research conducted with animals. There are certainly solutions on what should be done to improve the translatability and reproducibility of animal experiments. Among the solutions, statistics and experimental design play a central role to reach better translatability and reproducibility, in addition to contribute to the Reduction arm of the ThreeRs. This course addresses the central question of how to design your experiments and which test to perform given your specific research questions. This course offers lectures, exercises and discussions on these topics.</p>
<p>November 17, 2022</p>	<p>OnLine course "Introduction to microbiological monitoring in rodents facilities"</p> <p>A two-day course designed to provide the participants with key concepts of the microbiological monitoring of laboratory rodents and their environment.</p>