



VETBIONET

Veterinary Bio-contained facility Network for excellence in animal infectiology research and experimentation

Deliverable D5.6
Organization of 1 Summer Course at IRTA premises

Due date of deliverable: M20

Actual submission date: M56

Start date of the project: March 1st, 2017

Duration: 60 months

Organisation name: IRTA

Revision: V1

Dissemination level	
Public	x
Confidential, only for members of the consortium (including Commission Services)	
Classified, as referred to in Commission Decision 2001/844/EC	

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Summary

Objectives

The objective of the course is to introduce biosafety, biocontainment and biosecurity to persons with a background in life sciences, mainly Microbiology and Veterinary, but who do not have a broad and deep knowledge in those issues. This is therefore an introductory course.

Rationale

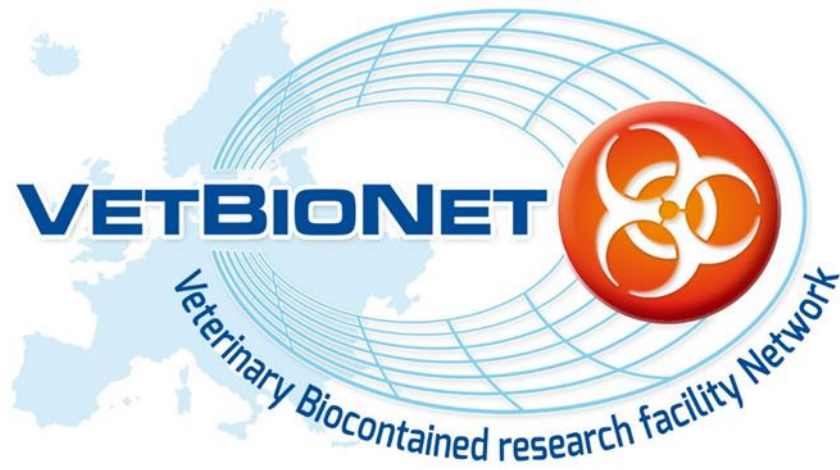
The rationale is to provide a basic knowledge about biosafety and biocontainment, through general description of the main aspects of these concepts, using a facility such as IRTA-CReSA as an example for many of these concepts (transfer of samples, inactivation of wastes, animal handling, shipment of substances) in a permanent way, in the form of recorded lectures that can be revisited and reviewed at any time in the future.

Teams involved

Xavier Abad, from IRTA-CReSA, and IRTA TIC staff.

Federico Liguori and other Staff from EAAP - the European Federation of Animal Science.

Organization of 1 Summer Course at IRTA premises



1.1 Description

The course is structured in 12 lectures, four each day of the course, each lasting from 15-20 minutes to 30 minutes. The lectures were recorded as MP4 from a powerpoint file, so they can be downloaded and kept for further review or reminder.

1.2 Agenda

The agenda, sent to the attendants one week before the starting of the course, was as follows:

Tuesday, October the 5th, 2021

1	Hazard Criteria and Categorization	Recorded with voice
2	Biosafety levels and containment	Recorded with voice
3	Risk Assessment	Recorded with voice
4	Protective Gears	Recorded with voice
13:00 to 14:30	Open Discussion (by TEAMS). The final hour is an estimate; if there are no questions, we will finish before that time.	

Wednesday, October the 6th, 2021

5	Commissioning and decommissioning	Recorded with voice
6	ABSL3 Animal Facility, CReSA as example	Recorded with voice
7	Waste Management	Recorded with voice
8	Fumigation and decon methods	Recorded with voice
13:00 to 14:30	Open Discussion (by TEAMS). The final hour is an estimate; if there are no questions, we will finish before that time.	

Thursday, October the 7th, 2021

9	Biosafety-viral inactivation in blood derivatives	Recorded with voice
10	Shipping BSL3 and BSL4 organisms	Recorded with voice
11	Biosafety and biosecurity	Recorded with voice
12	Comparing biosafety & biocontainment guidelines	Recorded with voice
13:00 to 14:30	Open Discussion (by TEAMS). The final hour is an estimate; if there are no questions, we will finish before that time.	

This course was originally planned earlier in the VetBioNet project (M41) and in a theory-practice format including a practical activity in a real BSL3 unit. However, the COVID-19 pandemic forced us to postpone the course several times while waiting for an improvement and homogenization of the epidemiological situation. As the sanitary conditions were not met, the course had to be reformulated with the same conference format, but online using TEAMS, and increasing the number of participants from 15-20 initially proposed to 30 participants finally.

Annex 1: Participants' list

Initials name, surname	Position	Institution
J.F.	Biosafety officer	Universität Bern
J.M.	Quality Control Officer	Kenya Veterinary Vaccine Production Institute
L.A.	Microbiologist / Epidemiologist	Imperial College London
L.N.	Biorisk Manager	ANLIS.Dr.C.G.Malbrán
I.B.	Quality Assurance Manager and Biosafety Officer	Mci santé animale
CK.E.	Head of Training	Esco aster
E.K.	Lab Manager	Esco Aster Pte Ltd
A.G.	BSO	Uoft
R.P.	Veterinary Student	HICAST
M.O.	Student	Hannover Medical School
D.A.	Research Assistant	University of Agriculture Abeokuta
P.M.	Veterinary Intern	Lilongwe Society for the Protection and Care of Animals
B.A.	Graduate student	Université d'Oran1 Ahmed Ben Bella.
A.W.	Postdoctoral fellowship	INSERM U1100 CEPR
A.A.	Research Associate	EpidAlert Informative Initiative
R.K.S.	Research Intern	Virtis Bio Labs
N.E.	DVM	Azad University Iran
E.A.E.M.	PhD Candidate	Ghent University
A.H.	Lecturer of animal infectious diseases and research	Faculty of Veterinary medicine Alexandria University
A.B.	MSc student in Veterinary Vaccine Production and Quality Control	Pan African University Institute of Life and Earth Sciences (including Health and Agriculture), PAULESI, University of Ibadan
A.K.	PostDoc Researcher	Freie Universität Berlin
C.M.	Senior researcher veterinary doctor	Agricultural researcher center
S.D.	Veterinary Officer	Animal Resources Development Department, Govt of Tripura, India
E.G.	Lecturer	University of Zimbabwe
P.M.	Director	CEHTRA

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F.T.D.	Postgraduate student	Federal University of Agriculture, Abeokuta Ogun state, Nigeria.
V.K.	PhD Student	Sindh Agriculture University
T.F.	Engineer	ENVT
F.R.	Research Scientist	INRAE

Annex 2: Assessment from attendants

A short assessment of the course was sent to the participants to get feedback on content, structure, and level of the course. A total of 29 requests were sent and so far, 7 replies have been collected. Since the course was only held a week ago, the summary of these evaluations will be updated when the collection of evaluations is completed.

To date, the summarized results are as follow:

Materials of the course

Very appropriate	Appropriate	Medium (not very good)	Scarce	Scarce & inadequate
5	2			

Length of the course

Too long	Long	Appropriate	Short	Extremely short
1		5	1	

Intensity of the course (how deep issues has been treated)

Very intense/deep	Intense/deep	Average	No so intense/light	Very light/Not deep
1	5		1	

Way the course has been delivered?

Perfect	Quite convenient	Convenient	Not quite adequate	Inadequate
3	2	2		

Expectations covered?

Completely	Reasonably	Half	Scarcely	No, absolutely
5	2			
