

# ERFAN DIALOGUES



## *BRUCELLOSIS DIAGNOSIS AND CONTROL*

ERFAN Brucellosis Working Group

# **ERFAN DIALOGUE**

## **BRUCELLOSIS DIAGNOSIS AND CONTROL**



### **TIMETABLE**

Central European Summer Time (CEST)

### **TRAINING METHODOLOGY**

The online ERFAN Dialogues days will be organized via Zoom platform.

### **WORKING LANGUAGE**

English with simultaneous translations into French.

**PRESENTATION**

**OBJECTIVES**

**PARTECIPANTS**

**PROGRAMME**

**TRAINERS - FACILITATORS**

**CONTACTS**

# AGENDA

## PRESENTATION

The online vocational training course on Brucellosis diagnosis and control aims to elaborate on laboratory diagnosis of the disease: Laboratory diagnostic methods; such as, Sampling collection, Microbiological isolation and typing, using traditional methods, of *Brucella* spp., Molecular detection and typing of *Brucella* spp., including MLVA data interpretation (Bioinformatics). The course considers also elements on Brucellosis prevention, control and eradication.

## OBJECTIVES

The main objective of the ERFAN Dialogues is to facilitate the refreshment of knowledge about Brucellosis for field veterinary laboratories and veterinary services in order to enhance diagnostic capabilities in the view of surveillance, control, and eradication of the disease.

## PARTECIPANTS

The participants will be drawn from National Veterinary Laboratories and Veterinary schools of Algeria, Angola, Botswana, Egypt, Eritrea, Ethiopia, Libya, Mauritania, Morocco, Mozambique, Namibia, Senegal, South Africa, Sudan, Tanzania, Tunisia, Zambia, Zimbabwe and Italy.

**CHAIRMAN:** *Dr Fabrizio De Massis*  
 IZSAM Teramo

Tuesday: 12 October 2021		
TIME	TOPIC	TRAINER
10.00 – 10.10	Opening and welcome	<b>Fabrizio De Massis</b> OIE Reference Laboratory for Brucella, Teramo
		<b>Manuela Tittarelli</b> Italian Reference Laboratory for Brucella, Teramo
10.10 – 10.45	Brucellosis: the disease	<b>Fabrizio De Massis</b> OIE Reference Laboratory for Brucella, Teramo
10.10 – 11.00	<b>BREAK</b>	
11.00 – 12.00	<i>Brucella spp</i> ; sampling and isolation	<b>Daniela Averaimo</b> IZSAM, Teramo
12.00 – 12.30	Discussion focused on the training and technical needs of ERFAN Partners in relation to the topics covered during the day	All participants

**CHAIRMAN:** *Dr Manuela Tittarelli*  
 IZSAM Teramo

<i>Tuesday: 26 October 2021</i>		
TIME	TOPIC	TRAINER
10.00 – 10.10	Opening and welcome	<b>Manuela Tittarelli</b> Italian Reference Laboratory for Brucella, Teramo
10.10 – 10.50	<i>Brucella spp</i> ; From strains to DNA/PCR- methods practical aspects	<b>Katiuscia Zilli</b> IZSAM, Teramo
10.50 – 11.00	<b>BREAK</b>	
11.00 – 11.40	Molecular Epidemiology of Brucella: MLVA and MLST and Whole Genome Sequencing	<b>Giuliano Garofolo</b> <b>Massimo Ancora</b> IZSAM, Teramo
11.40 – 12.30	Discussion focused on the training and technical needs of ERFAN Partners in relation to the topics covered during the day	All participants

**CHAIRMAN:** *Dr Katiuscia Zilli*  
 IZSAM Teramo

<i>Tuesday: 2 November 2021</i>		
TIME	TOPIC	TRAINER
10.00 – 10.10	Opening and welcome	<b>Katiuscia Zilli</b> IZSAM, Teramo
10.10 – 11.00	Brucellosis: serological diagnosis	<b>Manuela Tittarelli</b> Italian Reference Laboratory for Brucella, Teramo
11.00 – 11.10	<b>BREAK</b>	
11.10 – 12.00	Biological banks and Proficiency tests Organization and management	<b>Katiuscia Zilli</b> <b>Manuela Tittarelli</b> IZSAM, Teramo
12.00 – 12.30	Discussion focused on the training and technical needs of ERFAN Partners in relation to the topics covered during the day	All participants

**CHAIRMAN:** *Massimo Scacchia*  
 ERFAN Secretariat

<i>Tuesday: 9 November 2021</i>		
TIME	TOPIC	TRAINER
10.00 – 10.15	Opening and welcome	<b>Dr Rachid Bouguedour</b> Sub-Regional Office OIE, Tunis
		<b>Dr Moetapele Letshwenyo</b> Sub-Regional Office OIE, Gaborone
10.15 – 11.00	Brucellosis Surveillance, Control and Eradication	<b>Fabrizio De Massis</b> Brucellosis Expert at OIE Reference Laboratory, IZSAM Teramo
11.00 – 11.45	Round Table: Current epidemiological situation of Brucellosis in Northern Africa – towards a regional strategy	<b>Fabrizio De Massis</b> Brucellosis Expert at OIE Reference Laboratory, IZSAM Teramo
11.45 – 12.30	Round Table: Current epidemiological situation of Brucellosis in Southern Africa	<b>Dr Moetapele Letshwenyo</b> Sub-Regional Office OIE, Gaborone
		<b>Fabrizio De Massis</b> Brucella Expert at OIE Re- ference Laboratory, IZSAM Teramo
12.30 – 12.45	Conclusion	<b>Massimo Scacchia</b> ERFAN Secretariat

**CHAIRMAN:** *Dr Fabrizio De Massis*  
 IZSAM Teramo

<i>Tuesday: 16 November 2021</i>		
TIME	TOPIC	TRAINER
10.00 – 10.10	Opening and welcome	<b>Fabrizio De Massis</b> IZSAM, Teramo
10.10 – 10.30	Brucellosis; Activities carried on at National Animal and Plant Health Laboratory of Eritrea	<b>Efrem Ghebremeskel</b> Head of the Laboratory NAPHL, Asmara, Eritrea
10.30 – 10.50	Brucellosis; Activities carried on at Central Veterinary Laboratory of Zimbabwe	<b>Pious Makaya</b> Head of the Laboratory CVL, Harare, Zimbabwe
10.50 – 11.00	<b>BREAK</b>	
11.00 – 12.15	Open session on: presentations on diagnostic activities carried out by the single partner institutions	All participants and trainers
12.15 – 13.00	Discussion focused on the training and technical needs of ERFAN Partners in relation to the topics covered during the day and closure of the event	All participants

## TRAINERS - FACILITATORS

NAME	E-MAIL	INSTITUTION	COUNTRY
Massimo Ancora	m.ancora@izs.it	IZSAM	Italy
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## SCIENTIFIC COORDINATORS



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