



MINISTERIO  
DE ECONOMIA Y  
COMPETITIVIDAD



SUBDIRECCIÓN GENERAL DE INVESTIGACIÓN Y  
TECNOLOGÍA  
CENTRO DE INVESTIGACIÓN  
EN SANIDAD ANIMAL

## **WORKSHOP ON SEROLOGICAL DIAGNOSIS OF RELEVANT ZOO NOTIC ARBOVIRUSES**

**INIA-CISA, MADRID, 4-8 APRIL 2016**



### **MONDAY 9:00-17:30h**

#### **Meeting hall, administration building**

9:00-9:30	Arrival to INIA-CISA, welcome (Dr. Marisa Arias, <i>Technical Director of CISA-INIA, Spain</i> )
9:30-10:30	Presentation of the workshop, general issues (Dr. Jovita Fernández, <i>Researcher, INIA-CISA, Spain</i> )
10:30-11:00	Diagnostic approaches for CCHFV serology (Dr. Aykut Ozkul, <i>Professor of Virology, Ankara University, Turkey</i> )
11:00-11:15	Discussion
11:15-11:45	Coffee break
11:45-13:30	Presentation of trainees (I)
13:30-15:00	Lunch
15:00-16:00	Presentation of trainees (II)
16:00-16:30	RVFV general overview (Dr. Alejandro Brun, <i>Researcher, INIA-CISA, Spain</i> )
16:30-17:00	RVFV diagnostic techniques: focus on serology (Dr. Federica Monaco, <i>Researcher, Istituto Zooprofilattico dell'Abruzzo e del Molise-IZSAM, Teramo, Italy</i> )
17:00-17:30	Discussion
17:30	Bus departure
20:30	Official dinner



## TUESDAY 9:00-17:30h

### Meeting hall, administration building

9:00	Arrival to INIA-CISA
9:15-9:45	WNV general overview (Dr. Miguel Ángel Jiménez, <i>Head of Service of P3 Coordination, INIA-CISA, Spain</i> )
9:45-10:15	WNV diagnosis: focus on serology (Dr. Francisco Llorente, <i>Researcher, INIA-CISA, Spain</i> )
10:15-10:45	Discussion
10:45-11:00	Introduction to “hands on training” (WNV) (Dr. Elisa Pérez, <i>Research assistant, INIA-CISA, Spain</i> )
11:00-11:30	Coffee break
11:30-12:30	Biosafety in BSL3 laboratories (I) (Dr. Gonzalo Pascual, <i>Head of Service of Biosecurity, INIA-CISA, Spain</i> )
12:30-13:00	Biosafety instructions to access BSL3 laboratories (Dr. Gonzalo Pascual)

### Hands-on training, BSL3 building: **WNV** serological diagnosis (I)

13:00-13:30	Access to BSL3 area
13:30-14:30	Lunch
14:30-17:00	ELISA diagnostic techniques: competitive and IgM tests for WNV- 1 <sup>st</sup> part
17:00-17:30	Exit from BSL3 area
17:30h	Bus departure

## WEDNESDAY 9:00-17:00h

### Hands-on training, BSL3 building: **WNV** serological diagnosis (II)

9:00	Arrival to INIA-CISA
9:15-9:45	Access to BSL3 area
9:45-11:45	ELISA diagnostic techniques: competitive and IgM tests for WNV- 2 <sup>nd</sup> part
11:45-12:15	Coffee break
12:15-14:00	Biosafety in BSL3 laboratories (II): - Guided visit to BSL3 animal facility (Miguel Ángel Sánchez, <i>Veterinarian Animal welfare specialist, INIA-CISA, Spain</i> ) - Guided visit to the BSL3 technical plant (Dr. Gonzalo Pascual, <i>Head of Service of Biosecurity, INIA-CISA, Spain</i> )
14:00-15:00	Lunch
15:00-16:30	Serological confirmatory techniques: Virus neutralization test (I): set up
16:30-17:00	Exit from BSL3 area
17:00	Bus departure



## THURSDAY 9:00-17:30h

### Meeting hall, administration building

- 9:00 Arrival to INIA-CISA  
9:15-9:45 Introduction to “hands on training” (RVFV) (*Dr. Cristina Cano, Research assistant, INIA-CISA, Spain*)

### Hands-on training, BSL3 building: **RVFV** and **WNV** serological diagnosis (III)

- 9:45-10:15 Access to BSL3 area  
10:15-10:45 Serological screening techniques: competitive ELISA for RVFV (1<sup>st</sup> part)  
10:45-11:15 Coffee break  
11:15-14:00 Serological screening techniques: competitive ELISA for RVFV (2<sup>nd</sup> part)  
14:00-15:00 Lunch  
15:00-16:30 Serological confirmatory techniques: Virus neutralization tests (II): results and interpretation.  
16:30-17:00 Final serological diagnostic results for WNV and RVFV panels  
17:00-17:30 Exit from BSL3 area  
17:30 Bus departure

## FRIDAY 9:00-15:00h

### Meeting room, administration building

- 9:00 Arrival to INIA-CISA  
9:15-9:45 Seroepidemiology of WNV in Southern Spain (*Dr. Jordi Figuerola, Researcher, Estación Biológica de Doñana, EBD-CSIC, Sevilla, Spain*)  
9:45-10:00 Discussion  
10:00-11:30 Presentation of results (by groups)  
11:30-12:00 Coffee break  
12:00-12:30 Evaluation test  
12:30-13:00 Satisfaction survey  
13:00-14:00 Final discussion and recommendations  
14:00-15:00 Lunch  
15:00 Bus departure