

ONE HEALTH FOR THE MEDITERRANEAN REGION IN THE AGE OF BIG DATA

CAGLIARI, SARDINIA, ITALY

30 SEPTEMBER – 2 OCTOBER 2019

PROGRAMME

Conference Objectives: to encourage exploration of how advanced risk assessment capacity, supported by ever improving big data capabilities, can be applied to understanding and responding to the One Health challenges that threaten global health security, with a particular focus on the Mediterranean region.

DAY 1 - Monday 30 September 2019

17:00 – 19:00 Registration and welcome cocktail

DAY 2 - Tuesday 1 October 2019

Time	Topic	Speaker
7:30 – 9:00	Registration	
9:00 – 9:20	Welcome remarks Representative of the Italian Ministry of Health and Dr Monique Eloit (DG OIE)	
9:20 – 10:40	Opening addresses Supporting One Health using Big Data Powerful One Health insights using Big Data	Key Note speakers Dr Angus Cameron, Ausvet Dr Kamran Khan, BlueDot
10:40 – 11:00	Questions/Answers	Key note speakers
11:00 – 11:30	COFFEE BREAK	
Session 1 11:30 – 17:00	One Health challenges: identification, evaluation and response	Chair: WHO
<i>Session Objective: The first technical session will focus on changes in animal production systems and disease evolution exploring how the One Health approach can assist to assess and manage risks</i>		
11:30 – 12:00	How to make the One Health Principle concrete to improve the control of zoonosis	Prof Piero Cappuccinelli Università degli Studi di Sassari
12:00 – 12:30	Challenges and developments in surveillance of farm animal health	Prof. Gerdien van Schaik Royal GD and Utrecht University
12:30 – 13:00	Demographic structure: human population changes and related health problems	Prof. Giuseppe Costa Università degli Studi di Torino
13:00 – 14:00	LUNCH	
14:00 – 14:30	Transport and migration: movement of diseases	Dr Andrea Apolloni CIRAD and Dr Fabrizio Rosso, EuFMD
14:30 – 15:00	New OIE-WAHIS, perspective for informed decisions: a West Nile Fever scenario	Dr Peter Melens and Dr Montserrat Arroyo Kuribreña, OIE
15:00 – 15:30	Good practices 1: Big data for global vaccine security	Dr Bouda Vosough Ahmadi, EuFMD and Nathalie Rotsztajn, Boehringer Ingelheim
15:30 – 16:00	COFFEE BREAK	
16:00 – 16:30	Good practices_2: Implementation of the One Health approach at field level	Dr Stefano Mason, AVSF
16:30 – 17:00	The Use of Food Safety Data in a One Health Approach	Mihalis Papakostadinou, AgroKnow
17:00 – 18:00	Panel discussion	
18:00 – 21:00	Cultural tour/Social dinner	

DAY 3 - Wednesday 2 October 2019		
Time	Topic	Speaker
Session 2 9:00 – 12:30	Environmental changes and health challenges	Chair: FAO
<i>Session objective: The second technical session will specifically focus on the impact of climate change and variability on disease epidemiology, including vector ecology, and food production. The speakers will be encouraged to explore our increasing capacity to apply One Health approaches to understand risk and design interventions.</i>		
9:00 – 9:30	How external factors (climate change, socio economics, trading patterns) will impact veterinary services, and the adaptations required	Dr Delia Grace Randolph ILRI
9:30 – 10:00	ASF eradication in Sardinia: how to manage an animal disease problem with a strong social and cultural local dimension.	Dr Alberto Laddomada IZS della Sardegna
10:00 – 10:20	Climate change – Tick database, toward a Mediterranean tick big database?	Prof. Mohamed Gharbi Ecole Nationale de Médecine Vétérinaire de Sidi Thabet
10:20 – 10:40	Surveillance and prevention of vector-borne zoonoses in the Big Data era	Dr Paolo Calistri IZS dell'Abruzzo e del Molise 'G. Caporale'
10:40 – 11:00	Global vector control response 2017-2030: the WHO guidelines.	Speaker TBC (WHO)
11:00 – 11:30	COFFEE BREAK	
11:30 – 11:50	Working on Rabies in the Mediterranean	Dr Laurent Dacheux Institut Pasteur
11:50 – 12:10	LSD – a good example of international coordination in combatting an emerging exotic vector borne disease	Dr Kris de Clerq Sciensano
12:10 – 12:30	Good practices_3: Agrometeorological and health data integration in a Bluetongue predictive model	Dr Sandro Rolesu IZS della Sardegna
12:30 – 13:00	Panel discussion	
13:00 – 14:00	LUNCH	
Session 3 14:00 – 16:00	Big Data - Big challenge for international organizations and healthcare services	Chair: OIE
<i>Session objective: The third technical session will look at the use of geo-spatial big data for disease monitoring and how international organisations are currently framing and responding to the challenge of transforming the exponential growth in data into intelligence-driven information for action, and how we can provide leadership and an enabling environment for a future-focused community-of-practice in One Health data analysis.</i>		
14:00 – 14:30	Animal Health data driven performance	Tuu-Van Nguyen Bill and Melinda Gates Foundation
14:30 – 15:00	Opportunities for One Health Syndromic surveillance in the era of big data	Dr Carole Sala, ANSES Lyon and Dr Yann Le Strat, Santé Publique France
15:00 – 15:30	Surveillance design and big data	Prof. Loic Jossieran Groupe Hospitalier Paris Ile de France Ouest (AP-HP)
15:30 – 16:00	Global burden of animal diseases	Prof. Jonathan Rushton University of Liverpool
16:00 – 16:30	COFFEE BREAK	
16:30 – 17:30	Round table (OIE, FAO, WHO, EU, Experts, National and local health authorities) The evolution of One Health in the Big Data age: perspectives and challenges for the future	
17:30 – 18:00	Closing Remarks (OIE)	