

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

CAGLIARI, SARDINIA, ITALY

1-2 OCTOBER 2019



PROGRAMME

TUESDAY 1 OCTOBER 2019			
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	Keynote speakers Dr Angus Cameron , Ausvet Dr Kamran Khan , BlueDot	
	10:40 – 11:00	Questions/Answers	
11:00 – 11:30	COFFEE BREAK		
Session 1 11:30 – 17:00	ONE HEALTH CHALLENGES: IDENTIFICATION, EVALUATION AND RESPONSE	Chair: OIE	
<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 Video 1- https://www.youtube.com/watch?v=dPL1dEwdyuw Video 2- http://www.oie.int/animal-health-in-the-world/the-oie-wahis-project/ Video 3- WAHIS+ Dashboards demo (CM and outbreaks) Video 4- WAHIS+ Dashboards demo (disease status)	Dr Peter Melens and Dr Montserrat Arroyo Kuribreña , OIE	
	15:00 – 15:30	Good practices 1: Big data for global vaccine security: case of FMD	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		

WEDNESDAY 2 OCTOBER 2019

Session 2 9:00 – 12:10	ENVIRONMENTAL CHANGES AND HEALTH CHALLENGES	Chair: FAO
<p><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></p>		
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	African swine fever in Sardinia: How to tackle 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	Working on Rabies in the Mediterranean	Dr Laurent Dacheux Institut Pasteur
11:00 – 11:30	COFFEE BREAK	
11:30 – 11:50	LSD – a good example of international coordination in combatting an emerging exotic vector borne disease	Dr Kris de Clerq Sciensano
11:50 – 12:10	Good practices 3: Agrometeorological and health data integration in a Bluetongue predictive model	Dr Sandro Rolesu IZS della Sardegna
12:10 – 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
<p><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></p>		
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 Josseran 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, 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)	