

ICAHS4 Programme

Tuesday 12 May 2020

09.00 **Welcome and official opening**

Hanne Larsen/LOC

Integrating Novel Methods in Surveillance

09.30 Big data decision support systems for emergency AH surveillance – achieving utility, flexibility and sustainability

Peter Durr -Keynote

10.10 MODEL

Thomas Rosendal

10.30 EMA-I (EVENT MOBILE APPLICATION) – AN INNOVATIVE DIGITAL TECHNOLOGIES TO IMPROVE

ANIMAL DISEASES REPORTING AND SURVEILLANCE

Asma Saidouni

10.40 KEEP YOUR EYES WIDE OPEN! A CASE STUDY OF DEMONSTRATING FREEDOM FROM CHLAMYDIA PECORUM IN AN INSULAR KOALA POPULATION

Charles Caraguel

10.50 **BREAK**

11.20 USING A BAYESIAN NETWORK MODEL TO UNDERSTAND BEEF PRODUCER VULNERABILITY TO AN FMD OUTBREAK IN AUSTRALIA

Marta Hernandez-Jover

11.40 HOW TO DETECT EFFICIENTLY BVDV PERSISTENTLY INFECTED ANIMALS IN A CONTROL PROGRAMME BY DATA BASED EPIDEMIOLOGICAL INVESTIGATIONS.

Rahel Struchen

12.00 AN EVALUATION OF CLIMATIC IMPACT ON PRRS OUTBREAKS IN NORTH AMERICA USING SPATIOTEMPORAL REGRESSION

Keith Sollers

12.20 STUDY

Hyeyoung Kim

12.30 USING PRIMARY CARE DATA TO ESTABLISH SURVEILLANCE FOR WILDLIFE HEALTH THREATS IN MINNESOTA

Ulrich Muellner

12.40 USING DYNAMIC MODELLING TO ESTIMATE THE SENSITIVITY OF THE CONTROL PROGRAM OF SALMONELLA IN MULTIPLICATION FLOCKS IN THE DANISH BROILER INDUSTRY

Ofosuhene Apenteng

13.00 **LUNCH**

Surveillance data

14.00 Connecting surveillance data with people

Petra Mullner- Keynote

14.40 CATTLE.

Mathew Coleman

15.00 ANALYSES OF MEAT INSPECTION DATA TO IMPROVE MONITORING OF CATTLE HEALTH IN THE NETHERLANDS

Anouk Veldhuis

15.20 CAN WE REALLY USE MEAT INSPECTION DATA FOR SURVEILLANCE?

Arianna Comin

15.30 OPTIMIZING INTERPRETATION OF MERS CORONAVIRUS SURVEILLANCE OUTPUTS IN CAMELS: META-SYNTHESIS OF HOST-PATHOGEN INTERACTIONS

Ihab El-Masry

15.40	BREAK
	VALIDITY OF A UNIFORM MONITORING SYSTEM TO ASSESS CATTLE HEALTH IN DAIRY HERDS
16.10	USING ROUTINELY AVAILABLE DATA <i>Henriette Brouwer</i>
	SHEEP SCAB: COLLATION AND ANALYSIS OF EXISTING UK-WIDE SURVEILLANCE DATA TO
16.30	IMPROVE UNDERSTANDING AND MANAGEMENT OF THE DISEASE <i>Valentina Busin</i>
	AUTOMATIC CLASSIFICATION OF FREE TEXT VETERINARY ELECTRONIC RECORDS FROM
16.50	LIVESTOCK: IS IT WORTH THE EFFORT? <i>Celine Faverjon</i>
	POST-OUTBREAK AFRICAN HORSE SICKNESS SURVEILLANCE: A SCENARIO TREE EVALUATION IN
17.10	SOUTH AFRICA'S CONTROLLED AREA <i>John Grewar</i>
	WHAT PARTS DOES IT REACH? EVALUATION OF THE FOOTPRINT OF THE SCOTTISH DISEASE
17.30	SURVEILLANCE CENTRE NETWORK <i>Sue Tongue</i>
17.40- 19.00	Drinks reception

Wednesday 13 May 2020

Cross-sector surveillance

09.00	Assessing surveillance outcomes in a multi-sector setting <i>Keynote: Dylis Morgan</i>
	DATA-DRIVEN SURVEILLANCE: EFFECTIVE COLLECTION, INTEGRATION AND INTERPRETATION OF
09.40	DATA TO SUPPORT DECISION-MAKING IN A ONE HEALTH CONTEXT <i>Fernanda Dorea</i>
	ASSESSMENT OF EVALUATION TOOLS FOR INTEGRATED SURVEILLANCE OF ANTIMICROBIAL USE
10.00	AND RESISTANCE: CASE STUDIES ON USABILITY OF DIFFERENT TOOLS <i>Marianne Sandberg</i>
	EVOLUTION OF INTEGRATED LYME DISEASE SURVEILLANCE IN QUÉBEC <i>Marion Ripoché</i>
10.30	THE NATIONAL ANIMAL HEALTH EPIDEMIOLOGICAL SURVEILLANCE PLATFORM: AN INNOVATIVE CROSS-SECTOR COLLABORATION TO IMPROVE SURVEILLANCE SYSTEM EFFICIENCY IN FRANCE <i>Celine Dupuy</i>
10.40	BREAK
	ONE HEALTH EVALUATION OF THE DANISH SALMONELLA DUBLIN SURVEILLANCE AND CONTROL
11.20	PROGRAMME IN CATTLE <i>Annette Gammelvind</i>
	EARLY DETECTION AND COMPREHENSIVE PIG HEALTH SURVEILLANCE IN SWITZERLAND
11.40	THROUGH POST-MORTEM EXAMINATIONS <i>Daniela Hadorn</i>
	IMPACT EVALUATION OF PUBLIC-PRIVATE PARTNERSHIPS: THE CASE OF ISIKHNAS ANIMAL
12.00	HEALTH SURVEILLANCE IN INDONESIA <i>Havan Yusuf</i>
	CROSS-SECTOR COLLABORATION: IMPROVING "ONE-HEALTH-NESS" OF THE SWEDISH NATIONAL
12.20	SURVEILLANCE REPORT <i>Mia Holmberg</i>
	RIFT VALLEY FEVER SURVEILLANCE DURING THE 2018-2019 EPIDEMICS IN MAYOTTE: A ONE
12.30	HEALTH AND PUBLIC-PRIVATE COLLABORATION EXAMPLE <i>Laure Dommergues</i>
	INVESTIGATING OPPORTUNITIES FOR COMMUNITY-BASED SURVEILLANCE OF EQUINES IN
12.40	SWITZERLAND <i>Ranya Ozcelik</i>
	IMPLEMENTATION OF CHRONIC WASTING DISEASE SURVEILLANCE IN SWEDISH CERVIDS -
12.50	CHALLENGES <i>Kaisa Soren</i>
13.00	LUNCH

Parallel sessions

Private/public

- 14.00 ASF and a wild boar fence between Germany and Denmark
Invited speakers: Stig Møllergaard & Jens Munk Ebbesen
- 14.40 THE ROLE OF SURVEILLANCE DATA IN THE FIGHT AGAINST AFRICAN SWINE FEVER IN WILD BOAR POPULATIONS.
Katja Schulz
- 15.00 SURVEILLANCE OF DEAD ANIMALS IMPROVED THE CONTROL OF AFRICAN SWINE FEVER
Tariq Halasa
- 15.20 **BREAK**
- 15.50 IDENTIFYING POTENTIAL HOTSPOTS OF DISEASE INFECTION OF AFRICAN SWINE FEVER VIRUS IN EUROPEAN SWINE
Rachel Taylor
- 16.10 COMBINATION OF CSF SURVEILLANCE COMPONENTS FOR DISEASE DETECTION AND DEMONSTRATION OF FREEDOM IN PARANÁ, BRAZIL
Vitor Goncalves
- 16.20 DIFFERENT SURVEILLANCE APPROACHES FOR DIFFERENT PIG FARM TYPES: CLASSICAL SWINE FEVER (CSF) IN MATO GROSSO, BRAZIL
Daniella Schettino

One Health

- 14.00 DANMAP 20+ years of cross-sector surveillance in practice
Invited speakers: Birgitte Borck Høg & Ute W. Sønksen
- 14.40 AMR)
Jieun Kim
- 15.00 A METHODOLOGICAL FRAMEWORK TO SUPPORT THE CODESIGN OF AN OPTIMAL MULTISECTORAL SURVEILLANCE SYSTEM WITH STAKEHOLDERS.
Marion Bordier
- 15.20 A PROGRESSIVE APPROACH TO SUPPORT COUNTRIES TO STRATEGICALLY IMPROVE THE NATIONAL ANTIMICROBIAL RESISTANCE DATA QUALITY AND SURVEILLANCE SYSTEMS IN FOOD AND AGRICULTURE SECTORS
Michael Treilles
- 15.30 **BREAK**
- 16.00 ECOSYSTEMIC BIOETHICS: HEALTH, AGRICULTURE AND ECOLOGY
Antoine Boudreau Leblanc
- 16.20 ANTIMICROBIAL RESISTANCE SURVEILLANCE OF PIGS AND CHICKENS IN VIET NAM
Pawin Padungtod
- 16.40 COMPARISON OF THREE METHODS TO ESTIMATE ANTIMICROBIAL USE FOR SURVEILLANCE PURPOSES IN QUEBEC DAIRY FARMS
Helene Larde
- 17.30/19.00 **Guided walk to Carlsberg and conference dinner**

Thursday 14 May 2020

Translating surveillance outcomes into policy - How to deal with the uncertainty

- 09.00 Translating surveillance outcomes into policy - How to deal with the uncertainty
Keynote: Gregorio Torres
- 09.40 RAPID RISK ASSESSMENT TOOL TO PRIORITIZE EXOTIC ANIMAL DISEASE SURVEILLANCE
Clazien de Vos
- 10.00 RISK-BASED SURVEILLANCE TO DEMONSTRATE DISEASE FREEDOM FROM VIRULENT NEWCASTLE DISEASE VIRUS IN SOUTHERN CALIFORNIA, UNITED STATES
Jennifer Siembieda
- 10.20 A RISK ASSESSMENT MODEL TO INFORM RISK BASED SURVEILLANCE OF FMD IN THE SWINE INDUSTRY OF RIO GRANDE DO SUL, BRAZIL
Mariana Dornelas
- 10.30 AVIAN INFLUENZA SURVEILLANCE IN LIVE BIRD MARKETS IN VIET NAM 2016-2019
Thanhlong Pham
- 10.50 OPTIMIZING THE EARLY DETECTION OF AVIAN INFLUENZA H7N9 VIRUSES IN LIVE BIRD MARKETS
Guinat Claire
- 11.10 **BREAK**

11.40	NATIONAL JOINT, MULTI-SECTORAL RISK ASSESSMENT (JRA): A ONE HEALTH TOOL SUPPORTING EVIDENCE-BASED DECISION-MAKING AND INFORMING POLICY <i>Ryan Aguanno</i>
12.00	RISK-BASED SURVEILLANCE FOR TOXOPLASMA GONDII IN PIGS AT SLAUGHTER – ASSESSING THE EFFICIENCY OF A POTENTIAL SEROLOGICAL SURVEILLANCE PROGRAM IN DENMARK <i>Abbey Olsen</i>
12.20	EVALUATION FOR ACTION – SHAPING NATIONAL SURVEILLANCE STRATEGIES USING THE FAO SURVEILLANCE EVALUATION TOOL (SET) <i>Gael Lamielle</i>
12.40	IMPLEMENTATION OF A NATIONAL SURVEILLANCE PLAN - THE SWEDISH EXPERIENCE <i>Gunilla Hallgren</i>
12.50	DEMONSTRATING THE VALUE OF LIVESTOCK ABORTION SURVEILLANCE IN TANZANIA: IDENTIFYING PRIORITIES, INFORMING INTERVENTIONS <i>Felix Lankester</i>
13.00	LUNCH
14.00	Opening of ISESSAH
14.20	Unlocking the value of animal health surveillance <i>Barbara Haessler - Keynote</i>
15.00	EVALUATING A COMPLEX AND HETEROGENEOUS SURVEILLANCE SYSTEM ACCOUNTING FOR EPIDEMIOLOGICAL AND SOCIO-ECONOMICAL PARAMETERS - THE EXAMPLE OF ANTE MORTEM BOVINE TUBERCULOSIS SURVEILLANCE IN FRENCH FARMS <i>Valentine Guentin-Poirier</i>
15.20	VETERINARIAN PROFILES: THE MAIN FACTOR IN IMPLEMENTING BIOSECURITY MEASURES IN DAIRY FARMS <i>Sebastian Moya</i>
15.40	Break
16.10	SOCIO-ECONOMIC MODELS CAN EXPLAIN HOW RELATIONS BETWEEN SURVEILLANCE ACTORS AFFECT ABORTION REPORTING: A CASE STUDY IN TWO FRENCH DEPARTMENTS <i>Sofia Mlala</i>
16.30	CASE STUDY: WHAT HAVE WE GAINED FROM TWO YEARS OF SCREENING ALL MARINE FARMS FOR SALMONID ALPHAVIRUS? <i>Britt Bang Jensen</i>
16.40	PARTICIPATORY EPIZOOTIOLOGY OF MAJOR CATTLE DISEASES AT YEWA NORTH LOCAL GOVERNMENT, OGUN STATE, NIGERIA <i>Idris Adenekan</i>
20.45	ISSESAH Conference dinner