



ESCAIDE

Malta, 21-23 November 2018

European Scientific Conference on Applied Infectious Disease Epidemiology

Day 1, Wednesday 21 November 2018

Parallel Session 1: Healthcare-associated infections	Parallel Session 2: Emerging and vector-borne diseases (1)	Parallel Session 3: Food- and waterborne diseases and zoonoses (1): microbiology and whole genome sequencing
<p>Time: 11:00-12:40</p> <p>Moderator: Ágnes Hajdu</p>	<p>Time: 11:00-12:40</p> <p>Moderator: Pawel Stefanoff</p>	<p>Time: 11:00-12:40</p> <p>Moderator: Androulla Efstratiou</p>
<p>1.1. Validation of an electronic nationwide surveillance system for periprosthetic joint infections following primary total knee replacement in Denmark, Ingmarie Johanson</p> <p>1.2. Estimating inappropriate antibiotic prescribing in secondary care in England: analysis of the 2016 healthcare-associated infection and antimicrobial usage point prevalence survey, Rachel Freeman</p> <p>1.3. Occupational exposure to percutaneous injuries and prevalence of HBV, HCV and HIV among hospital staff in Poland: a multicenter study, Maria Ganczak</p> <p>1.4. Epidemiology and impact of norovirus outbreaks in Norwegian healthcare institutions, 2006-2018, Laura Espenhain</p> <p>1.5. Factors associated with Methicillin-Resistant Staphylococcus aureus (MRSA) acquisition rates of wards in a Singapore tertiary hospital: An electronic medical records study, Zaw Myo Tun</p>	<p>2.1. Lyme Borreliosis in Bavaria, Germany: Results from 5 Years of Epidemiological Surveillance, Merle M. Böhmer</p> <p>2.2. Occupational swine exposure associated with seropositivity for Ascaris suum in veterinarians in Austria, 2017/2018, Karin Taus</p> <p>2.3. Evaluation of the seasonal human surveillance system for neuroinvasive West Nile virus infections in France: a surveillance system that does not meet its objective, Lauriane Ramalli</p> <p>2.4. Circulation of non-polio enterovirus and human parechovirus types in the EU/EEA Member States, 2015-2017, Laura Bubba</p> <p>2.5. Syndromic and digital surveillance of tick-borne encephalitis in Sweden, 2010-2017, Leah J Martin</p>	<p>3.1. The neglected infection: Trends in Giardia cases and associated exposures after the introduction of molecular testing, 2000-2017, northeast England, Alison Waldram</p> <p>3.2. Combining whole genome sequencing and epidemiological investigation to link intermittent Salmonella Agona cases to long term environmental contamination at two Yorkshire pubs, Lara A. Utsi</p> <p>3.3. A national Salmonella Typhimurium outbreak investigation in Great Britain identifies the whole genome sequence outbreak strain in multiple animal species in different regions, Paul Crook</p> <p>3.4. An outbreak of Listeria monocytogenes CT1234 in Austria linked by Trace-Back and Whole-genome Sequencing, 2015 – 2018, Sabine Maritschnik</p> <p>3.5. Impact of whole genome sequencing on foodborne outbreak detection and response in Canada, Ashley Kerr</p>
Parallel Session 4: Food- and waterborne diseases and zoonoses (2): epidemiology and surveillance 1	Parallel Session 5: International health and migration	Parallel Session 6: Vaccine-preventable diseases (1): epidemiology and surveillance
<p>Time: 14:30-15:30</p> <p>Moderator: Daniel Thomas</p>	<p>Time: 14:30-15:30</p> <p>Moderator: Ines Steffens</p>	<p>Time: 14:30-15:30</p> <p>Moderator: Peter Kreidl</p>
<p>4.1. Tularemia incidence and association with rodent population dynamics, Norway, 2005-2017, Lamprini Veneti</p> <p>4.2. The prevalence and risk factors for human echinococcosis—Alaiski District, Kyrgyz republic, 2016, Aizat Arunova</p> <p>4.3. Shigellosis in Ireland: re-emergence in a new risk group, Patricia Garvey</p>	<p>5.1. Cost-effectiveness of screening for chronic hepatitis B and C among migrant populations in the Netherlands, Irene Veldhuijzen</p> <p>5.2. A qualitative-quantitative study helped identify the most relevant issues with vaccination and improve communication in an asylum-seeker camp in Poland, Savina Stoitsova</p> <p>5.3. High Acceptability and Satisfaction among Health Facility Informants using Mobile Digital Surveillance Outbreak Response Management and Analysis System (SORMAS) after Follow-up in Kano, Nigeria 2018, Daniel Tom-Aba</p>	<p>6.1. Prevalence of and factors associated with pneumococcal carriage in Norwegian children, four years after introduction of the 13-valent Pneumococcal Conjugate Vaccine, Astrid Lovlie</p> <p>6.2. The severity and clinical manifestation of invasive meningococcal serogroup W disease in comparison to other serogroups in the Netherlands, Anna D. Loenenbach</p> <p>6.3. Striking differences in reported pertussis incidence between Norway and Sweden not confirmed in seroepidemiology, 2012-13, Sharon Kühmann-Berenzon</p>

Parallel Session 7: Cholera Time: 11:00-12:40 Moderator: Oliver Morgan	Parallel Session 8: Food- and water-borne diseases and zoonoses (3): outbreaks Time: 11:00-12:40 Moderator: Anders Wallensten	Parallel Session 9: Vaccine-preventable diseases (2): vaccine effectiveness Time: 11:00-12:40 Moderator: TBC
<p>7.1. The geographical spread of the cholera epidemic in the Democratic Republic of the Congo. An analysis of national syndromic and laboratory surveillance data, 2008-17, David Hendrickx</p> <p>7.2. High case fatality during cholera outbreaks in non-endemic provinces, Democratic Republic of the Congo (DRC), 2008-17, Brecht Ingelbeen</p> <p>7.3. Preparedness of primary healthcare facilities to respond to a cholera outbreak in Kinshasa, Democratic Republic of the Congo, 2018, Patricia Ndumbi</p> <p>7.4. High cholera vaccination coverage following emergency campaign in Haiti: results from a spatial cluster survey, Ashley Sharp</p> <p>7.5. Late breaker: Cholera Outbreak Response in a Complex Emergency: The Importance of Oral Cholera Vaccine in Borno State, North-eastern Nigeria, January, 2018, Kumshida Balami</p>	<p>8.1. Rapid investigation of hepatitis A outbreak led to recall of Iranian dates, Denmark 2018, Luise Müller</p> <p>8.2. Outbreak of Clostridium perfringens associated with consumption of roasted meat and gravy at a buffet on Mothering Sunday 2018, Simon Packer</p> <p>8.3. An outbreak of campylobacteriosis at a rural hotel in England: the ongoing risk of outbreaks due to consumption of chicken liver dishes, Adrian Wensley</p> <p>8.4. Human brucellosis outbreak, March to September 2017, South Morocco, Hind Majidi</p> <p>8.5. Late breaker: From local to national to international: Salmonella enteritidis outbreak in a Chinese restaurant linked via Whole Genome Sequencing (WGS) to European outbreak, Natalie Wright</p>	<p>9.1. Effectiveness of one dose of acellular pertussis vaccine in hospitalised infants in six EU/EEA countries: preliminary results of the ECDC PERTINENT project, 2016-2018, Lore Merdrignac</p> <p>9.2. Effectiveness of the 23-valent pneumococcal polysaccharide vaccine against invasive pneumococcal disease in older adults by high risk conditions type: Results of SpIDnet/I-MOVE+ multicentre study, Camelia Savulescu</p> <p>9.3. Invasive pneumococcal disease in Tuscany region, Italy: integrating multiple data sources to estimate underreporting and underdiagnosis, Filippo Quattrone</p> <p>9.4. Invasive pneumococcal disease caused by serotypes 3 and 19A in older adults of 10 European countries after six years of childhood PCV10/13 vaccination, Germaine Hanquet</p> <p>9.5. Late breaker: Vaccination policy towards the tail of the diphtheria outbreak among Rohingya population in Cox's Bazar, Bangladesh – challenges and way forward, Katri Jalava</p>
Parallel Session 10: Vaccine-preventable diseases (3): developments and methods Time: 14:30-15:30 Moderator: TBC	Parallel Session 11: HIV, sexually transmitted infections and viral hepatitis (1): epidemiology and surveillance Time: 14:30-15:30 Moderator: Andrew Amato	Parallel Session 12: Food- and waterborne diseases and zoonoses (4): epidemiology and surveillance 2 Time: 14:30-15:30 Moderator: Steen Ethelberg
<p>10.1. Evaluating vaccination programmes for policy decisions by using population-based registers—example of reductions in the total disease burden due to infant pneumococcal conjugate vaccination in Finland, Arto A. Palmu</p> <p>10.2. Development of recombinant human anti-diphtheria toxin neutralizing antibody for diphtheria therapy, Esther Wenzel</p> <p>10.3. Controlling the developing Meningitis W outbreak in the Netherlands; insights from model-based infectious disease data analysis, Albert Jan van Hoek</p>	<p>11.1. Concurrent outbreaks of extensively-resistant Shigella sonnei and Shigella flexneri in men who have sex with men, Melbourne Australia, Deborah Williamson</p> <p>11.2. Risk behaviours of homeless people who inject drugs during an outbreak of hepatitis C, Northern Ireland, 2016-2017, Anna Maisa</p> <p>11.3. Hidden in plain sight, MSM engaging in 'chemsex' as an emerging risk group for STI/HIV, Ymke J Evers</p>	<p>12.1. Effects of reduced typing coverage for routine Salmonella surveillance in France, Mikhail Churakov</p> <p>12.2. Decreasing seroprevalence of Toxoplasma infection amongst pregnant women in France: is it time to change the screening policy?, Eve Robinson</p> <p>12.3. "Sickenin' in the rain" - increased risk of gastrointestinal and respiratory infections after urban pluvial flooding, Annemieke Mulder</p>
Parallel Session 13: Antimicrobial resistance Time: 17:00-18:40 Moderator: Jan Walter	Parallel Session 14: Tuberculosis Time: 17:00-18:40 Moderator: Loredana Ingrosso	Parallel Session 15: Vaccine- preventable diseases (4): vaccine uptake and coverage Time: 17:00-18:40 Moderator: Alma Tostmann
<p>13.1. Antimicrobial resistance in Aspergillus fumigatus isolated February to September 2017 from clinical specimens in Lyon, France, Rolf Kramer</p> <p>13.2. OXA-48-producing Enterobacteriales detected in Irish seawater, 2017, Bláthnaid Mahon</p> <p>13.3. National surveillance of methicillin-resistant Staphylococcus aureus bacteraemia following the implementation of Whole-Genome Sequencing in England, April-December 2017, Laura Bubba</p> <p>13.4. Burden of infections caused by antibiotic-resistant bacteria in the European Union and the European Economic Area in 2015 using disability-adjusted life years, Alessandro Cassini</p>	<p>14.1. Implementation of WGS tuberculosis cluster surveillance; rapid identification and robust public health management in the East Midlands, 2017-2018, Hikaru Bolt</p> <p>14.2. Level of none-adherence to anti-tuberculosis treatment and risk factors associated with it among 2014-2015 cohorts of pulmonary tuberculosis adult patients, Bishkek City, Kyrgyz Republic, Ekaterina Maliukova</p> <p>14.3. Isoniazid mono-resistance negatively affects tuberculosis treatment outcomes in Europe, Basel Karo</p> <p>14.4. Implementation of Whole-genome sequencing of Mycobacterium tuberculosis in a referral TB hospital in Rome: implications for TB control, Angela Cannas</p> <p>14.5. Risk factors for delay in initiation of treatment for pulmonary TB: a time-to-event analysis using linked TB surveillance and clinical case review data in the South East of England, 2011-2015, David James Roberts</p>	<p>15.1. Direct and indirect effects of the recommendation for routine Rotavirus-vaccination on notified rotavirus cases and vaccine uptake in infants in Germany 2013-2017, Adine Marquis</p> <p>15.2. Extension of the mandatory vaccination program, perception of the French population, Pauline Mathieu</p> <p>15.3. Is mandatory vaccination influencing maternal decision to vaccinate children in Slovenia? April-May 2016, Mario Fafangel</p> <p>15.4. Vaccine hesitancy: low uptake of influenza vaccine among Polish population in Lothian, Scotland, Lorna Willocks</p> <p>15.5. Impact of Italy's law 119/2017 regarding mandatory vaccination seven months since it was enforced: experience in the Apulia region, Domenico Martinelli</p>

<p>Parallel Session 16: HIV, sexually transmitted infections and viral hepatitis (2): surveillance, screening & intervention</p> <p>Time: 11:00-12:40</p> <p>Moderator: Helena de Carvalho Gomes</p>	<p>Parallel Session 17: Influenza and other respiratory viruses (1): epidemiology and surveillance</p> <p>Time: 11:00-12:40</p> <p>Moderator: Julien Beauté</p>	<p>Parallel Session 18: Late breakers</p> <p>Time: 11:00-12:40</p> <p>Moderator: Alain Moren</p>
<p>16.1. Does the German screening policy for Chlamydia trachomatis target those most at risk? – Results from the German health examination survey (DEGS) 2008-2011, Martyna Gassowski</p> <p>16.2. Oropharyngeal testing and positivity at the STI clinic in the past 5 years; testing more and finding even more, Geneviève AFS van Liere</p> <p>16.3. Impact of nurse led enhanced monitoring, management and contact tracing intervention for chronic hepatitis B in England, 2015-2017, Kazim Beebeejaun</p> <p>16.4. Effectiveness of three alternative hepatitis B revaccination series (Fendrix®, Twinrix® and HBVaxPro-40®) in healthy non-responders; an open-label randomised controlled multicentre trial, Stijn Raven</p> <p>16.5. High positivity of sexually transmitted infections in men who have sex with men in the times of HIV pre-exposure prophylaxis (PrEP) - results of a cross-sectional multicentre study in Germany, 2018, Gyde Steffen</p>	<p>17.1. Whole genome analysis of influenza A(H3) viruses detected between 2016-2018 in the scope of EuroEVA/I-MOVE vaccine effectiveness study, Pedro Pechirra</p> <p>17.2. Predicting peak influenza activity in primary and secondary care in Scotland – is the Moving Epidemic Method the way forward?, Diogo F P Marques</p> <p>17.3. Development of a system of automated analysis and reporting for pandemic influenza severity assessment in England, Ashley Sharp</p> <p>17.4. Previous exposure to natural infection matters - The effect of influenza A infection in 2016/17 on influenza A and B infection in 2017/18 in the Finnish elderly, Ulrike Baum</p> <p>17.5. Factors associated with admission to intensive care units (ICUs) and/or death among severe hospitalized confirmed influenza cases, Spain, 2010 – 2018, Concepción Delgado-Sanz</p>	<p>18.1. Monitoring the dynamics of public perceptions of meningococcal disease and vaccination: The case of an ongoing outbreak in the Netherlands, Marion de Vries</p> <p>18.2. Detection of two seropositive infections with antibodies to zoonotic Borna disease virus-1 (BoDV-1) in a retrospective serosurvey among 424 veterinarians working in an endemic area in Germany, Hendrik Wilking</p> <p>18.3. Outbreak of Legionella non-pneumophila subspecies associated with gardening and usage of commercial bagged soil in Sweden, 2018, Emma Löf</p> <p>18.4. Second epidemic wave of a large measles outbreak in Italy, 2018, amid vaccination policy changes, Xanthi Andrianou</p> <p>18.5. Exploiting publically available microbial genomic data for detecting linked cases in global outbreaks, Anaïs Painset</p>
<p>Parallel Session 19: Vaccine- preventable diseases (5): preparedness</p> <p>Time: 14:30-15:30</p> <p>Moderator: Katharina Alpers</p>	<p>Parallel Session 20: Influenza and other respiratory viruses (2): vaccination</p> <p>Time: 14:30-15:30</p> <p>Moderator: Richard Pebody</p>	<p>Parallel Session 21: Emerging and vector-borne diseases (2)</p> <p>Time: 14:30-15:30</p> <p>Moderator: Sooria Balasegaram</p>
<p>19.1. Guidance for the governance of public-private collaborations in vaccine post-marketing settings in Europe, Laurence Torcel-Pagnon</p> <p>19.2. Getting ahead of the wave: informing public health action through mapping to identify populations at high risk of measles introduction and transmission, Mary Cronin</p> <p>19.3. ADVANCE system testing: vaccine benefit studies by using multi-country electronic health data - An example on pertussis vaccination, Myint Tin Tin Htar</p>	<p>20.1. 2017–18 Vaccine effectiveness against influenza A(H3N2) and lineage mismatched influenza B in older adults: Results from the I-MOVE+ hospital network, Angela MC Rose</p> <p>20.2. High live-attenuated influenza vaccine effectiveness against influenza B in two-year-olds, 2017/18, Finland, Ulrike Baum</p> <p>20.3. Cost-effectiveness analysis of seasonal influenza vaccination strategies targeting children and/or the elderly in 6 European countries and regions, Frank Sandmann</p>	<p>21.1. Whole genome sequence analysis reveals a novel cluster of strains with a unique amino acid substitution pattern, responsible for the recent Italian-2017 and Pakistani-2016 Chikungunya virus outbreaks, Erika Lindh</p> <p>21.2. The epidemic risks from new mosquito borne diseases in Greece in economic terms, Antonios Kolimenakis</p> <p>21.3. Zika virus in Pregnancy: a retrospective case control study, French Polynesia, 2013-2016, Lorenzo Subissi</p>