



## Day 1, Wednesday 27 November 2019

<b>Parallel Session 1: Emerging and vector-borne diseases: surveillance approaches</b>  Time: 11:00-12:20  <b>Moderator: Tamas Bakonyi</b>	<b>Parallel Session 2: Vaccine-preventable diseases : vaccine coverage, safety and uptake</b>  Time: 11:00-12:20  <b>Moderator: Giri Shankar</b>	<b>Parallel Session 3: Healthcare-associated infections: burden and prevention</b>  Time: 11:00-12:40  <b>Moderator: Annalisa Pantosti</b>
1.1. Using epidemiological information to map outbreak networks and inform public health action during the 2018/19 Ebola outbreak in the Democratic Republic of the Congo (DRC), <b>Rebecca Hams</b> 1.2. Strengthening preparedness for West Nile Virus in Europe following the 2018 transmission season: an ECDC protocol to conduct After Action Reviews, <b>Flavia Riccardo</b> 1.3. Automatic information extraction and relevance evaluation of epidemiological texts using natural language processing, <b>Auss Abbood</b> 1.4. The role of Epidemic Intelligence in Portugal: Analysis of the reported events in the National Weekly Threats Bulletin, Report on Observations, News, Data and Alerts (RONDA), <b>Vasco Ricoca Peixoto</b>	2.1. "When you welcome well, you vaccinate well": Reasons for sub-optimal vaccination coverage in urban settings in Conakry, Republic of Guinea, <b>Julita Gil Cuesta</b> 2.2. Risk of Guillain-Barré Syndrome after vaccination against human papillomavirus (HPV): a systematic review, <b>Tamara Sonia Boender</b> 2.3. Underreporting of the 5-year tetanus, diphtheria, pertussis and polio booster vaccination in the Danish Vaccination Register, <b>Ida Glode Helmuth</b> 2.4. Uptake of the second measles-mumps-rubella vaccination by school in Denmark, <b>Palle Valentiner-Branth</b>	3.1. A genomic profile of Mycobacterium abscessus isolates from Cystic Fibrosis patients in Scotland, <b>Elizabeth Dickson</b> 3.2. Long-term excess mortality after Clostridium difficile infection by place of origin; a nationwide study from Denmark, 2010-18, <b>Sophie Gubbels</b> 3.3. Healthcare associated infection in home healthcare; what, why and how?, <b>Ana Hoxha</b> 3.4. Incidence of hospital-acquired Clostridium difficile infection and association with antimicrobial consumption in Ireland, 2013-2017, <b>Annalisa Quattrocchi</b> 3.5. Alerting all neighbours:, <b>Aimée Tjon-A-Tsien</b>
<b>Parallel Session 4: Antimicrobial resistance and Healthcare-associated infections: (epidemiology)</b>  Time: 14:30-15:30  <b>Moderator: Kåre Mølbak</b>	<b>Parallel Session 5: Emerging and vector-borne diseases: epidemiology</b>  Time: 14:30-15:30  <b>Moderator: Kostas Danis</b>	<b>Parallel Session 6: Food- and waterborne diseases and zoonoses outbreaks (1)</b>  Time: 14:30-15:30  <b>Moderator: Therese Westrell</b>
4.1. Descriptive epidemiology of carbapenemase-producing enterobacteriaceae in Northern Ireland, 2012 to 2017, <b>Joseph Pett</b> 4.2. Defining nosocomial E. coli transmission using an integrated genomic and epidemiological approach, <b>Catherine Ludden</b> 4.3. Molecular epidemiology of community- and healthcare associated Clostridium difficile infections in Jönköping, Sweden, October 2017 – March 2018, <b>Theresa Enkirch</b>	5.1. High subsequent mortality of Ebola virus disease survivors in Guinea: a nationwide retrospective cohort study, <b>Lorenzo Subissi</b> 5.2. Cross-Protection of Dengue Virus Infection against Congenital Zika Syndrome, Northeastern Brazil, <b>Carlo Fischer</b> 5.3. Surveillance of hospitalisations during a large outbreak shows severe dengue remains stable, La Réunion, 2018-2019, <b>Eve Robinson</b>	6.1. Outbreak of Gastrointestinal Anthrax Following Consumption of Diseased Goats in Hawi Gudina District, Oromia Region, Ethiopia, 2017, <b>Belay Mamuye</b> 6.2. E. coli O157 and leafy green outbreaks in Canada, 2015-2019, <b>Philippe Bélanger</b> 6.3. Investigating salmonella contamination in frozen feeder mice being supplied to the UK market, <b>Matt Edmunds</b>

<b>Parallel Session 7: Food- and waterborne diseases and zoonoses: public health microbiology and surveillance methods</b>  Time: 11:00-12:40  <b>Moderator: Marc Struelens</b>	<b>Parallel Session 8: Vaccine-preventable diseases: surveillance (1)</b>  Time: 11:00-12:40  <b>Moderator: Adam Roth</b>	<b>Parallel Session 9: Influenza: vaccination and intervention (1)</b>  Time: 11:00-12:40  <b>Moderator: Hanna Nohynek</b>
7.1. Interactive application to explore time series of European infectious disease surveillance data for signal detection: the ECDC EpiSignalDetection R-package, <b>Joana Gomes Dias</b> 7.2. Evaluation of Salmonella surveillance questionnaire response combined with SMS messaging in Greater Manchester, United Kingdom, <b>Alex Bhattacharya</b> 7.3. Evaluation of national legionellosis surveillance in Norway, 2008 to 2017, <b>Cecilia Wolff</b> 7.4. Genomic Comparisons to Investigate Virulence Differences Between Australian and International Strains of O157 Shiga Toxin-Producing Escherichia coli, <b>Alexander Pintara</b> 7.5. Benefits of Sentinel Laboratory Surveillance of Human Campylobacter Infections in Ireland, 2019, <b>Carina Brehony</b>	8.1. Vaccination with the 13-valent pneumococcal conjugate vaccine in an outbreak of Streptococcus pneumoniae serotype 4 in a Norwegian shipyard, <b>Anneke Steens</b> 8.2. The changing face of diphtheria 70 years since vaccine introduction in the United Kingdom, <b>Charlotte Gower</b> 8.3. Effectiveness of 10- and 13-valent pneumococcal conjugate vaccines against invasive pneumococcal disease in children <5 years: lessons learnt from SplDnet multicentre study, <b>Camelia Savulescu</b> 8.4. Effectiveness of pertussis vaccination during pregnancy against laboratory confirmed pertussis in hospitalised infants aged <61 days in four European countries, PERTINENT, December 2015-December 2018, <b>Marta Valenciano</b>	9.1. Vaccine effectiveness against influenza A(H1N1)pdm09 and A(H3N2): Results from the 2018/19 European I-MOVE primary care multicentre study, <b>Esther Kissling</b> 9.2. Seasonal influenza vaccine effectiveness for the prevention of laboratory-confirmed influenza in asthma during the influenza seasons 2010-16 in Scotland: a test-negative design case-control study, <b>Eleftheria Vasileiou</b> 9.3. Vaccine effectiveness against influenza A(H3N2) and A(H1N1) in older adults and the effects of age-group and statins: Results from the I-MOVE hospital network, 2018-19, <b>Angela Rose</b> 9.4. Low frequency of reduced neuraminidase inhibitor susceptibility in twelve EU/EEA countries, 2008-2018, <b>Eeva Broberg</b>
<b>Parallel Session 10: Antimicrobial resistance and Healthcare-associated infections: surveillance</b>  Time: 14:30-15:30  <b>Moderator: Diamantis Plachouras</b>	<b>Parallel Session 11: Late breakers</b>  Time: 14:30-15:30  <b>Moderator: Karl Ekdahl</b>	<b>Parallel Session 12: Influenza: vaccination and intervention (2)</b>  Time: 14:30-15:30  <b>Moderator: Jim McMenamin</b>
10.1. External quality assessment (EQA) of Neisseria gonorrhoeae antimicrobial susceptibility testing in primary laboratories in Germany, <b>Regina Selb</b> 10.2. Use of the automated Danish Clostridium difficile surveillance system for reporting to the manual European surveillance system, <b>Manon Chaine</b> 10.3. Hospital outbreaks of group B streptococcal (GBS) infection: a systematic review, <b>Simon Collin</b>	11.1. Rapid data sharing and cross-border collaboration identifies likely vehicle of Yersinia enterocolitica O3 outbreak, Sweden and Denmark, March 2019, <b>Laura Espenhain</b> 11.2. A case control study investigating food exposures and the subsequent risk for developing hepatitis E infection in blood donors in England, April 2018-2019, <b>Iona Smith</b> 11.3. 30-day all-cause mortality in monomicrobial and polymicrobial bacteraemias, <b>Alex Bhattacharya</b>	12.1. Impact of national influenza vaccination strategy among the high-risk Portuguese population in severe influenza outcomes, <b>Ausenda Machado</b> 12.2. Deaths, hospitalisations and GP visits attributable to influenza infection averted by the influenza vaccination programme in the Netherlands among persons aged 65 and older, seasons 2015/16-2017/18, <b>Frederika Dijkstra</b> 12.3. 2018/19 primary care influenza vaccine effectiveness against influenza A(H3N2) in Europe: no effectiveness among 15-64 year olds, <b>Esther Kissling</b>
<b>Parallel Session 13: HIV and STI: prevalence and prevention</b>  Time: 17:00-18:40  <b>Moderator: Aura Andreasen</b>	<b>Parallel Session 14: Respiratory disease: surveillance and modelling</b>  Time: 17:00-18:40  <b>Moderator: Angeliki Melidou</b>	<b>Parallel Session 15: Vaccine-preventable diseases surveillance (2)</b>  Time: 17:00-18:40  <b>Moderator: Margaret Fitzgerald</b>
13.1. Prevalence of gonorrhea and chlamydia in a community clinic for Men who Have Sex with Men in Portugal, <b>Sofia Ribeiro</b> 13.2. Does using pre-exposure prophylaxis for HIV increase the risk of acquiring other sexually transmitted infections?, <b>Laia Fina Homar</b> 13.3. Estimating the infection time among people who inject drugs during an HIV-outbreak in Athens, Greece: Evidence that interventions significantly decreased the number of new transmissions, <b>Evangelia-Georgia Kostaki</b> 13.4. What is the optimal testing strategy for oropharyngeal Neisseria gonorrhoeae in women visiting STI clinics?, <b>Christian Hoebe</b> 13.5. HIV in women in the EU/EEA: 25 years of surveillance data to inform prevention and control, <b>Anastasia Pharris</b>	14.1. Non-influenza viruses associated with Severe Acute Respiratory Infections during influenza seasons 2015/2016 to 2017/2018, Belgium, <b>Lorenzo Subissi</b> 14.2. Surveillance of enterovirus types causing infection in Wales from 2015 to 2019, <b>Simon Cottrell</b> 14.3. Identification of infection sources of Legionella using WGS, 2016-2018, Austria, <b>Ali Chakeri</b> 14.4. Presentation and healthcare delays among people with tuberculosis in London, and the impact on treatment outcome, <b>Poppy Evenden</b> 14.5. A school tuberculosis outbreak with a high rate of transmission, Italy, 2019 (LATE BREAKER), <b>Davide Gentili</b>	15.1. Invasive Group B Streptococcus infections in adults in England, 2015-2016: analysis of population surveillance data, <b>Simon Collin</b> 15.2. Clustering of susceptibility to measles in households: perspective for the next two decades, <b>Elise Kuylen</b> 15.3. National burden of measles complications in Italy during a large outbreak in 2017-2018, <b>Adriano Grossi</b> 15.4. Measles in the EU/EEA in 2016-2019: where are cases imported from?, <b>Benedetto Simone</b>

<b>Parallel Session 16: Vaccine-preventable diseases: epidemiology</b>  Time: 11:00-12:40  <b>Moderator: Piotr Kramarz</b>	<b>Parallel Session 17: Hepatitis B and C: surveillance and disease burden</b>  Time: 11:00-12:40  <b>Moderator: Isabel Oliver</b>	<b>Parallel Session 18: Food- and waterborne diseases and zoonoses outbreaks (2)</b>  Time: 11:00-12:40  <b>Moderator: Chris Williams</b>
16.1. Rubella Outbreak Investigation in Kuyu District North Shoa Zone, Oromia Region, Ethiopia, 2018: Community Based Case Control Study, <b>Abdulbari Abdulkadir</b> 16.2. Lessons learned from the transmission chain of a measles outbreak in Stockholm County 2017, <b>Joanna Nederby Öhd</b> 16.3. Age group-specific Rotavirus Infection and Acute Gastroenteritis five years after the introduction of rotavirus immunisation in the UK, <b>Charlotte M. Gower</b> 16.4. Increased risk of varicella among pregnant immigrant women from temperate and tropical countries after arrival in Quebec, Canada, <b>Elisa Llorente Pastor</b> 16.5. 3 years since the withdrawal of type 2 oral poliovirus vaccine: An update of global epidemiology, <b>Grace Macklin</b>	17.1. Developing and piloting a standardised European protocol for hepatitis C prevalence surveys in the general population (2016-2019), <b>Stine Nielsen</b> 17.2. Get Tested LeEDs: Estimating bloodborne virus prevalence through routine opt-out emergency department testing, <b>Elizabeth Smout</b> 17.3. More than 1,000 people infected by hepatitis C virus through blood transfusions before screening was implemented remain alive but undiagnosed: a nation-wide, retrospective cohort study, Sweden, <b>Viktor Dahl</b> 17.4. Are men who have sex with men (MSM) in Europe protected from hepatitis B? - Findings from the European MSM Internet Svey (EMIS-2010), <b>Michael Brandl</b> 17.5. Prevalence of Hepatitis B virus infection and associated factors among pregnant women attending routine antenatal clinics_West Haraghe Zone, Oromia, Ethiopia, 2017, <b>Belay Mamuye</b>	18.1. Outbreak of Salmonella Agbeni with severe clinical presentation linked to exotic dried fruit mix, Norway, 2019, <b>Tone B Johansen</b> 18.2. Large waterborne gastroenteritis outbreak of mixed origin in Western Macedonia, Greece, January – February 2019, <b>Myrsini Tzani</b> 18.3. An outbreak of Salmonella monophasic Typhimurium associated with several pork products, Denmark, 2018-19, <b>Ida Glode Helmuth</b> 18.4. Consumption of black sausage is associated with a large listeriosis outbreak in Germany, 2018-2019, <b>Amrei Krings</b> 18.5. A whole genome sequencing defined national outbreak of Salmonella Enteritidis associated with the consumption of a raw liquid egg white product, <b>Lara Utsi</b>
<b>Parallel Session 19: Vaccine-preventable diseases surveillance (3)</b>  Time: 14:30-15:30  <b>Moderator: Benedetto Simone</b>	<b>Parallel Session 20: Food- and waterborne diseases and zoonoses surveillance</b>  Time: 14:30-15:30  <b>Moderator: Vicky Lefevre</b>	<b>Parallel Session 21: Late breakers</b>  Time: 14:30-15:30  <b>Moderator: Alain Moren</b>
19.1. Anti-PT IgA and anti-ACT IgG are valuable tools for the serodiagnosis of Bordetella pertussis infection in recently vaccinated subjects, <b>Lorenzo Subissi</b> 19.2. Incidence and severity of pertussis hospitalisations in infants aged less than one year, results of PERTINENT sentinel system, 2016-2018, <b>Sabrina Bacci</b> 19.3. Impact of vaccination programmes with 10 and 13-valent pneumococcal conjugate vaccines on invasive pneumococcal disease incidence by age group in SpIDnet/I-MOVE+ countries, <b>Camelia Savulescu</b>	20.1. Prevalence and correlates of Q fever among abattoir workers in central South Africa: a serological study, <b>Liesl De Boni</b> 20.2. Hepatitis A seroprevalence estimates in Belgium, <b>Ana Hoxha</b> 20.3. Effects of changes in diagnostics and notification criteria on Shiga toxin-producing Escherichia coli surveillance in the Netherlands, 1999-2018, <b>Ingrid Friesema</b>	21.1. Resurgence of an international Hepatitis A outbreak linked to a strain from imported frozen strawberries, Germany, 2018/2019, <b>Claudia Ruscher</b> 21.2. Large outbreak of Campylobacter jejuni infections following contamination of municipal water supply, June 2019, Norway, <b>Susanne Hyllestad</b> 21.3. Reoccurring zoonotic cryptosporidiosis outbreaks in veterinary students in Denmark, a combined epidemiological and microbiological study during the full academic year 2018-2019, <b>Daniel Thomas-Lopez</b>