

PARALLEL SESSION PROGRAMME

DAY 1, WEDNESDAY 27 NOVEMBER 2019
TIME: 11:00-12:40

Parallel Session 1: Emerging and vector-borne diseases: surveillance approaches - **Riddarsalen**

Moderator: **Tamás Bakonyi**

- 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), **Rebecca Hams**
- 1.2. Strengthening preparedness for West Nile Virus in Europe following the 2018 transmission season: an ECDC protocol to conduct After Action Reviews, **Flavia Riccardo**
- 1.3. Automatic information extraction and relevance evaluation of epidemiological texts using natural language processing, **Auss Abbood**
- 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), **Vasco Ricoca Peixoto**

Parallel Session 2: Vaccine-preventable diseases: vaccine coverage, safety and uptake - **Stora Hallen (plenary room)**

Moderator: **Giri Shankar**

- 2.1. "When you welcome well, you vaccinate well": Reasons for sub-optimal vaccination coverage in urban settings in Conakry, Republic of Guinea, **Julita Gil Cuesta**
- 2.2. Risk of Guillain-Barré Syndrome after vaccination against human papillomavirus (HPV): a systematic review, **Tamara Sonia Boender**
- 2.3. Underreporting of the 5-year tetanus, diphtheria, pertussis and polio booster vaccination in the Danish Vaccination Register, **Ida Glode Helmuth**
- 2.4. Uptake of the second measles-mumps-rubella vaccination by school in Denmark, **Palle Valentiner-Branth**

Parallel Session 3: Healthcare-associated infections: burden and prevention - **Fogelström**

Moderator: **Annalisa Pantosti**

- 3.1. A genomic profile of Mycobacterium abscessus isolates from Cystic Fibrosis patients in Scotland, **Elizabeth Dickson**
- 3.2. Long-term excess mortality after Clostridium difficile infection by place of origin; a nationwide study from Denmark, 2010-18, **Sophie Gubbels**
- 3.3. Healthcare associated infection in home healthcare; what, why and how?, **Ana Hoxha**
- 3.4. Incidence of hospital-acquired Clostridium difficile infection and association with antimicrobial consumption in Ireland, 2013-2017, **Annalisa Quattrocchi**
- 3.5. Alerting all neighbours:, **Aimée Tjon-A-Tsien**

DAY 1, WEDNESDAY 27 NOVEMBER 2019
TIME: 14:30-15:30

Parallel Session 4: Antimicrobial resistance and Healthcare-associated infections: epidemiology - **Stora Hallen (plenary room)**

Moderator: **Kåre Mølbak**

- 4.1. Descriptive epidemiology of carbapenemase-producing enterobacteriaceae in Northern Ireland, 2012 to 2017, **Joseph Pett**
- 4.2. Defining nosocomial E. coli transmission using an integrated genomic and epidemiological approach, **Catherine Ludden**
- 4.3. Molecular epidemiology of community- and healthcare associated Clostridium difficile infections in Jönköping, Sweden, October 2017 – March 2018, **Theresa Enkirch**

Parallel Session 5: Emerging and vector-borne diseases: epidemiology - **Riddarsalen**

Moderator: **Kostas Danis**

- 5.1. High subsequent mortality of Ebola virus disease survivors in Guinea: a nationwide retrospective cohort study, **Lorenzo Subissi**
- 5.2. Cross-Protection of Dengue Virus Infection against Congenital Zika Syndrome, Northeastern Brazil, **Carlo Fischer**
- 5.3. Surveillance of hospitalisations during a large outbreak shows severe dengue remains stable, La Réunion, 2018-2019, **Eve Robinson**

Parallel Session 6: Food- and waterborne diseases and zoonoses: outbreaks (1) - **Fogelström**

Moderator: **Therese Westrell**

- 6.1. Outbreak of Gastrointestinal Anthrax Following Consumption of Diseased Goats in Hawi Gudina District, Oromia Region, Ethiopia, 2017, **Belay Mamuye**
- 6.2. E. coli O157 and leafy green outbreaks in Canada, 2015-2019, **Philippe Bélanger**
- 6.3. Investigating salmonella contamination in frozen feeder mice being supplied to the UK market, **Matt Edmunds**

DAY 2: THURSDAY, 28 NOVEMBER 2019
TIME: 11:00-12:40

Parallel Session 7: Food- and waterborne diseases and zoonoses: public health microbiology and surveillance methods - Fogelström

Moderator: Marc Struelens

- 7.1. Interactive application to explore time series of European infectious disease surveillance data for signal detection: the ECDC EpiSignalDetection R-package, **Joana Gomes Dias**
- 7.2. Evaluation of Salmonella surveillance questionnaire response combined with SMS messaging in Greater Manchester, United Kingdom, **Alex Bhattacharya**
- 7.3. Evaluation of national legionellosis surveillance in Norway, 2008 to 2017, **Cecilia Wolff**
- 7.4. Genomic Comparisons to Investigate Virulence Differences Between Australian and International Strains of O157 Shiga Toxin-Producing Escherichia coli, **Alexander Pintara**
- 7.5. Benefits of Sentinel Laboratory Surveillance of Human Campylobacter Infections in Ireland, 2019, **Carina Brehony**

Parallel Session 8: Vaccine-preventable diseases: surveillance (1) - Stora Hallen (plenary room)

Moderator: Adam Roth

- 8.1. Vaccination with the 13-valent pneumococcal conjugate vaccine in an outbreak of Streptococcus pneumoniae serotype 4 in a Norwegian shipyard, **Anneke Steens**
- 8.2. The changing face of diphtheria 70 years since vaccine introduction in the United Kingdom, **Charlotte Gower**
- 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, **Camelia Savulescu**
- 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, **Marta Valenciano**

Parallel Session 9: Influenza: vaccination and intervention (1) - Riddarsalen

Moderator: Hanna Nohynek

- 9.1. Vaccine effectiveness against influenza A(H1N1)pdm09 and A(H3N2): Results from the 2018/19 European I-MOVE primary care multicentre study, **Esther Kissling**
- 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, **Eleftheria Vasileiou**
- 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, **Angela Rose**
- 9.4. Low frequency of reduced neuraminidase inhibitor susceptibility in twelve EU/EEA countries, 2008-2018, **Eva Broberg**

DAY 2: THURSDAY, 28 NOVEMBER 2019
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Parallel Session 10: Antimicrobial resistance and Healthcare-associated infections: surveillance - Stora Hallen (plenary room)

Moderator: Diamantis Plachouras

- 10.1. External quality assessment (EQA) of Neisseria gonorrhoeae antimicrobial susceptibility testing in primary laboratories in Germany, **Regina Selb**
- 10.2. Use of the automated Danish Clostridium difficile surveillance system for reporting to the manual European surveillance system, **Manon Chaine**
- 10.3. Hospital outbreaks of group B streptococcal (GBS) infection: a systematic review, **Simon Collin**

Parallel Session 11: Late breakers - Fogelström

Moderator: Karl Ekdahl

- 11.1. Rapid data sharing and cross-border collaboration identifies likely vehicle of Yersinia enterocolitica O3 outbreak, Sweden and Denmark, March 2019, **Laura Espenhain**
- 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, **Iona Smith**
- 11.3. 30-day all-cause mortality in monomicrobial and polymicrobial bacteraemias, **Alex Bhattacharya**

Parallel Session 12: Influenza: vaccination and intervention (2) - Riddarsalen

Moderator: Jim McMenamin

- 12.1. Impact of national influenza vaccination strategy among the high-risk Portuguese population in severe influenza outcomes, **Ausenda Machado**
- 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, **Frederika Dijkstra**
- 12.3. 2018/19 primary care influenza vaccine effectiveness against influenza A(H3N2) in Europe: no effectiveness among 15-64 year olds, **Esther Kissling**

Parallel Session 13: HIV and STI: prevalence and prevention - Riddarsalen

Moderator: Aura Andreassen

- 13.1. Prevalence of gonorrhoea and chlamydia in a community clinic for Men who Have Sex with Men in Portugal, **Sofia Ribeiro**
- 13.2. Does using pre-exposure prophylaxis for HIV increase the risk of acquiring other sexually transmitted infections?, **Laia Fina Homar**
- 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, **Evangelia-Georgia Kostaki**
- 13.4. What is the optimal testing strategy for oropharyngeal *Neisseria gonorrhoeae* in women visiting STI clinics?, **Christian Hoebe**
- 13.5. HIV in women in the EU/EEA: 25 years of surveillance data to inform prevention and control, **Anastasia Pharris**

Parallel Session 14: Respiratory disease: surveillance and modelling - Fogelström

Moderator: Angeliki Melidou

- 14.1. Non-influenza viruses associated with Severe Acute Respiratory Infections during influenza seasons 2015/2016 to 2017/2018, Belgium, **Lorenzo Subissi**
- 14.2. Surveillance of enterovirus types causing infection in Wales from 2015 to 2019, **Simon Cottrell**
- 14.3. Identification of infection sources of *Legionella* using WGS, 2016-2018, Austria, **Ali Chakeri**
- 14.4. Presentation and healthcare delays among people with tuberculosis in London, and the impact on treatment outcome, **Poppy Evenden**
- 14.5. A school tuberculosis outbreak with a high rate of transmission, Italy, 2019 (LATE BREAKER), **Davide Gentili**

Parallel Session 15: Vaccine-preventable diseases: surveillance (2) - Stora Hallen (plenary room)

Moderator: Margaret Fitzgerald

- 15.1. Invasive Group B *Streptococcus* infections in adults in England, 2015-2016: analysis of population surveillance data, **Simon Collin**
- 15.2. Clustering of susceptibility to measles in households: perspective for the next two decades, **Elise Kuylen**
- 15.3. National burden of measles complications in Italy during a large outbreak in 2017-2018, **Adriano Grossi**
- 15.4. Measles in the EU/EEA in 2016-2019: where are cases imported from?, **Benedetto Simone**

DAY 3: FRIDAY, 29 NOVEMBER 2019
TIME: 11:00-12:40

Parallel Session 16: Vaccine-preventable diseases: epidemiology - [Stora Hallen \(plenary room\)](#)

Moderator: Piotr Kramarz

- 16.1. Rubella Outbreak Investigation in Kuyu District North Shoa Zone, Oromia Region, Ethiopia, 2018: Community Based Case Control Study, **Abdulbari Abdulkadir**
- 16.2. Lessons learned from the transmission chain of a measles outbreak in Stockholm County 2017, **Joanna Nederby Öhd**
- 16.3. Age group-specific Rotavirus Infection and Acute Gastroenteritis five years after the introduction of rotavirus immunisation in the UK, **Charlotte M. Gower**
- 16.4. Increased risk of varicella among pregnant immigrant women from temperate and tropical countries after arrival in Quebec, Canada, **Elisa Llorente Pastor**
- 16.5. 3 years since the withdrawal of type 2 oral poliovirus vaccine: An update of global epidemiology, **Grace Macklin**

Parallel Session 17: Hepatitis B and C: surveillance and disease burden - [Riddarsalen](#)

Moderator: Isabel Oliver

- 17.1. Developing and piloting a standardised European protocol for hepatitis C prevalence surveys in the general population (2016-2019), **Stine Nielsen**
- 17.2. Get Tested LeEDs: Estimating bloodborne virus prevalence through routine opt-out emergency department testing, **Elizabeth Smout**
- 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, **Viktor Dahl**
- 17.4. Are men who have sex with men (MSM) in Europe protected from hepatitis B? - Findings from the European MSM Internet Survey (EMIS-2010), **Michael Brandl**
- 17.5. Prevalence of Hepatitis B virus infection and associated factors among pregnant women attending routine antenatal clinics_ West Haraghe Zone, Oromia, Ethiopia, 2017, **Belay Mamuye**

Parallel Session 18: Food- and waterborne diseases and zoonoses: outbreaks (2) - [Fogelström](#)

Moderator: Chris Williams

- 18.1. Outbreak of Salmonella Agbeni with severe clinical presentation linked to exotic dried fruit mix, Norway, 2019, **Tone B Johansen**
- 18.2. Large waterborne gastroenteritis outbreak of mixed origin in Western Macedonia, Greece, January – February 2019, **Myrsini Tzani**
- 18.3. An outbreak of Salmonella monophasic Typhimurium associated with several pork products, Denmark, 2018-19, **Ida Glode Helmuth**
- 18.4. Consumption of black sausage is associated with a large listeriosis outbreak in Germany, 2018-2019, **Amrei Krings**
- 18.5. A whole genome sequencing defined national outbreak of Salmonella Enteritidis associated with the consumption of a raw liquid egg white product, **Lara Utsi**

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Parallel Session 19: Vaccine-preventable diseases: surveillance (3) - [Stora Hallen \(plenary room\)](#)

Moderator: Benedetto Simone

- 19.1. Anti-PT IgA and anti-ACT IgG are valuable tools for the serodiagnosis of Bordetella pertussis infection in recently vaccinated subjects, **Lorenzo Subissi**
- 19.2. Incidence and severity of pertussis hospitalisations in infants aged less than one year, results of PERTINENT sentinel system, 2016-2018, **Sabrina Bacci**
- 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, **Camelia Savulescu**

Parallel Session 20: Food- and waterborne diseases and zoonoses: surveillance - [Fogelström](#)

Moderator: Vicky Lefevre

- 20.1. Prevalence and correlates of Q fever among abattoir workers in central South Africa: a serological study, **Liesl De Boni**
- 20.2. Hepatitis A seroprevalence estimates in Belgium, **Ana Hoxha**
- 20.3. Effects of changes in diagnostics and notification criteria on Shiga toxin-producing Escherichia coli surveillance in the Netherlands, 1999-2018, **Ingrid Friesema**

Parallel Session 21: Late breakers - [Riddarsalen](#)

Moderator: Alain Moren

- 21.1. Resurgence of an international Hepatitis A outbreak linked to a strain from imported frozen strawberries, Germany, 2018/2019, **Claudia Ruscher**
- 21.2. Large outbreak of Campylobacter jejuni infections following contamination of municipal water supply, June 2019, Norway, **Susanne Hyllestad**
- 21.3. Reoccurring zoonotic cryptosporidiosis outbreaks in veterinary students in Denmark, a combined epidemiological and microbiological study during the full academic year 2018-2019, **Daniel Thomas-Lopez**