

## GENERAL PROGRAMME

*PROVISIONAL: last update 20 September*

CET time zone **DAY 1 - 22 November**

|             |  |  |
|-------------|--|--|
| 08.00-09.00 | <b>Registration</b> <a href="#">Level 0</a> and welcome coffee <a href="#">Level 2</a>   |  |
| 09.00-09.10 | <b>Message from ECDC Director and ECDC Chief Scientist</b> <a href="#">Auditorium 1</a>  |  |
| 09.10-10.30 | <b>Plenary session A</b> <a href="#">Auditorium 1</a><br><b>Digital transformation and Artificial Intelligence</b><br><b>Chaired by the ESCAIDE Scientific Committee members:</b> Mike Catchpole (ECDC) and Chikwe Ihekweazu (WHO)<br><b>Keynote speaker:</b> John Brownstein (Harvard Medical School, Canada)   |  |
| 10.30-11.00 | Coffee break <a href="#">Level 2</a>   |  |
| 11.00-12.30 | <b>Fireside session 1</b> <a href="#">Auditorium 1</a><br><b>Surveillance in action: strategies, challenges, and innovations</b>   | <b>Fireside session 2</b> <a href="#">Auditorium 2</a><br><b>COVID-19 Vaccination: Assessing effectiveness</b>   |
| 12.30-13.45 | Lunch break <a href="#">Level 0</a>  | <b>12.30-13.00 Refresh and recharge session</b> <a href="#">Lounge room</a><br><b>12.30-13.30 Side session 1: Career Compass</b> <a href="#">Auditorium 2</a><br><b>Moderated by:</b> Alma Tostmann and Jane Whelan<br><b>Speakers:</b> Michael Edelstein (Bar-ilan University, Israel), Nadine Zeitlmann (RKI, Germany), Patrick Keating (MSF), Sabine Dittrich (Deggendorf Institute of Technology, Germany) |
| 13.45-15.15 | <b>Fireside session 3</b> <a href="#">Auditorium 1</a><br><b>Threats and outbreaks of food and water borne diseases</b>  | <b>Fireside session 4</b> <a href="#">Auditorium 2</a><br><b>Sexually and community acquired infections, including HIV</b>   |
| 15.30-16.15 | <b>Poster tour 1   Poster tour 2   Poster tour 3   Poster tour 4   Poster tour 5   Poster tour 6   Poster tour 7   Poster tour 8</b><br><b>Poster area</b>   | <b>15.30-16.30 Side session 2: Social Sciences Session: The history of infectious disease pandemics in Europe: what are the lessons for prevention and control measures</b><br><b>Auditorium 2</b><br><b>Moderated by:</b> John Paget (SONAR-Global)<br><b>Speakers:</b> Donatella Lippi (University of Florence), Peter Spreeuwenberg (NIVEL), Lone Simonsen (Roskilde University), Jon Bilbatua (ECDC)       |
| 16.15-16:45 | Coffee break <a href="#">Level 2</a>   |  |
| 16.45-18.15 | <b>Plenary session B</b> <a href="#">Auditorium 1</a><br><b>Broadening the horizon: Revisiting the concept of 'prevention' for communicable diseases</b><br><b>Chaired by the ESCAIDE Scientific Committee members:</b> John Kinsman (ECDC) and Petronille Bogaert (European Commission)<br><b>Speakers:</b> Kateřina Šedová (Loono, Czech Republic), Emilie Karafillakis (University of Antwerp, Belgium), Hanna Tolonen (THL, Finland) |  |
| 18.15-18.30 | Daily wrap-up <a href="#">Auditorium 1</a>   |  |
| 18.30-20.00 | <b>Networking event</b> <a href="#">Level 0</a>  |  |

*NOTE: This is a provisional programme and sessions may change. The final programme will be published closer to the conference dates.*

## GENERAL PROGRAMME

CET time zone **DAY 2 - 23 November**

|             |   |   |
|-------------|---|---|
| 08.00-09.00 | <b>Registration <a href="#">Level 0</a> and welcome coffee <a href="#">Level 2</a></b>  |   |
| 09.00-10.30 | <b>Plenary session C <a href="#">Auditorium 1</a></b><br><b>Wastewater surveillance: a magic bullet or just one piece of the puzzle?</b><br><b>Chaired by the ESCAIDE Scientific Committee members:</b> <i>Jacobo Mendioroz (Public Health Agency of Catalonia, Spain) and Henriette de Valk (Santé Publique France)</i><br><b>Speakers:</b> <i>Paul Griffiths (EMCDDA), Marta Vargha (National Center for Public Health and Pharmacy, Hungary) and Marion Koopmans (Erasmus MC, Netherlands)</i>   |   |
| 10.30-11.00 | Coffee break <a href="#">Level 2</a>  |   |
| 11.00-12.30 | <b>Fireside session 5 <a href="#">Auditorium 1</a></b><br><b>Disease Surveillance: trends, outcomes and patterns</b>  | <b>Fireside session 6 <a href="#">Auditorium 2</a></b><br><b>Health promotion and disease prevention</b>  |
| 12.30-13.45 | Lunch break <a href="#">Level 0</a>   | <b>12.30-13.00 Refresh and recharge session <a href="#">Lounge room</a></b><br><b>12.30-13.30 Side session 3: TBC <a href="#">Auditorium 2</a></b><br><b>12.30-13.45 EAN General Assembly (closed event) <a href="#">Room 5</a></b>   |
| 13.45-15.15 | <b>Eurosurveillance Seminar:</b><br><i>Changing urban environments and impact on infectious diseases epidemiology, surveillance, prevention and control.</i><br><b><a href="#">Auditorium 1</a></b><br><b>Moderated by:</b> <i>to be announced soon</i><br><b>Speakers:</b> <i>to be announced soon</i>   | <b>Fireside session 7 <a href="#">Auditorium 2</a></b><br><b>Respiratory infections</b>   |
| 15.30-16.15 | <b>Poster tour 9   Poster tour 10   Poster tour 11   Poster tour 12   Poster tour 13   Poster tour 14   Poster tour 15   Poster tour 16</b><br><b><a href="#">Poster area</a></b>   | <b>15.30-16.30 Side session 4: Risk communication, community engagement and infodemic management (RCCE-IM) can save lives: success stories</b><br><b><a href="#">Auditorium 2</a></b><br><b>Moderated by:</b> <i>Cristiana Salvi (WHO Regional Office for Europe) and Laura Woodward (UK Health Security Agency)</i><br><b>Speakers:</b> <i>Richard Amlôt (UK Health Security Agency), Dilek Aslan (Hacettepe University, Turkey), Audra Diers-Lawson (Kristiania University College, Norway), Aizhana Dzhumalievna (American University of Central Asia, Kyrgyzstan), Rui Gaspar (Catholic University of Portugal), Fatjona Kamberi (University of Vlora "Ismail Qemali", Albania)</i> |
| 16.15-16.45 | Coffee break <a href="#">Level 2</a>  |   |
| 16.45-18.15 | <b>Plenary session D <a href="#">Auditorium 1</a></b><br><b>One Health: Tackling global health challenges together</b><br><b>Chaired by the ESCAIDE Scientific Committee members:</b> <i>Luísa Peixe (University of Porto, Portugal), Mircea Ioan Popa (Carol Davila University of Medicine and Pharmacy, Romania), and Ágnes Hajdu (National Center for Public Health and Pharmacy, Hungary)</i><br><b>Speakers:</b> <i>Greg Martin (Health Protection Surveillance Centre, Ireland), Karen Saylor (Labyrinth Global Health, USA), Stef Bronzwaer (EFSA), Sandra Gallina (European Commission)</i> |   |
| 18.15-18.30 | Daily wrap-up <a href="#">Auditorium 1</a>  |   |
| 18.30-20.00 | <b>BarCamp <a href="#">Auditorium 2</a></b>   |   |

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## GENERAL PROGRAMME

CET time zone **DAY 3 - 24 November**

|             |  |   |
|-------------|--|---|
| 08.00-09.00 | <b>Registration <a href="#">Level 0</a> and welcome coffee <a href="#">Level 2</a></b>   |   |
| 09.00-10.30 | <b>Plenary session E <a href="#">Auditorium 1</a></b><br><b>Post-pandemic Public Health workforce</b><br><b>Chaired by the ESCAIDE Scientific Committee members:</b> <i>Stine Nielsen (EPIET Alumni Network) and Adam Roth (ECDC)</i><br><b>Speakers:</b> <i>Lucy Easthope (Durham University, UK), Katarzyna Czabanowska (Maastricht University, the Netherlands), Giorgio Grossi (Karolinska Institutet, Sweden)</i> |   |
| 10.30-11.00 | Coffee break <a href="#">Level 2</a>   |   |
| 11.00-12.30 | <b>Fireside session 8 <a href="#">Auditorium 1</a></b><br><b>Healthcare-associated infections</b>  | <b>Fireside session 9 <a href="#">Auditorium 2</a></b><br><b>Global health</b>  |
| 12.30-13.45 | Lunch break <a href="#">Level 0</a>  | <b>12.30-13.00 Refresh and recharge session <a href="#">Lounge room</a></b><br><br><b>12.30-13.30 Side session 5: #OutbreakAlert An unknown disease has been reported in...": technological advances taking us from local headlines to public health intelligence</b><br><b><a href="#">Auditorium 2</a></b><br><b>Moderated by:</b> <i>Vicky Lefevre (ECDC) and Philip Abdelmalik (WHO Health Emergencies Programme)</i><br><b>Speakers:</b> <i>Luigi Spagnolo (JRC, EC), Gianfranco Spiteri (ECDC), Mercy Kyeng (Africa Centres for Disease Control and Prevention)</i> |
|             |  | <b>12.45-15.00 Side session 6: Escape room</b><br><b><a href="#">Room 5</a></b>   |
| 13.45-15.15 | <b>Fireside session 10 <a href="#">Auditorium 1</a></b><br><b>Modelling, biostatistics, and health informatics</b>   | <b>Fireside session 11 <a href="#">Auditorium 2</a></b><br><b>Late breakers</b>   |
| 15.30-16.15 | <b>Poster tour 17   Poster tour 18  </b><br><b>Poster tour 19   Poster tour 20  </b><br><b>Poster tour 21   Poster tour 22  </b><br><b>Poster tour 23   Poster tour 24</b><br><b><a href="#">Poster area</a></b>   | <b>Side session 7: Preparedness session: Are we "PRET" for the next pandemic?</b><br><b><a href="#">Auditorium 2</a></b><br><b>Moderated by:</b> <i>Hannah Lewis (Global Influenza Program, WHO)</i><br><b>Speakers:</b> <i>Gina Samaan (Pandemic Preparedness Global Platforms, WHO), Isabel Bergeri (Global Influenza Program, WHO)</i>   |
| 16.15-16.30 | <b>Final wrap up <a href="#">Auditorium 1</a></b>  |   |
| 16.30-16.45 | <b>Closing ceremony and awards <a href="#">Auditorium 1</a></b>  |   |

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## FIRESIDE SESSIONS PROGRAMME PROVISIONAL: last update 20 September

CET time zone

**DAY 1 - 22 November**

|             |  |   |
|-------------|--|---|
| 11.00-12.30 | <p>Fireside session 1</p> <p><b>Surveillance in action: strategies, challenges, and innovations</b></p> <ul style="list-style-type: none"> <li>a. Tracking dynamics of SARS-CoV-2 variants in Catalonia (Spain) through wastewater surveillance, <i>Albert Carcereny Sánchez</i></li> <li>b. A Qualitative Study to Investigate National Perspectives and Needs for Cross-border Contact Tracing in Europe, <i>Olivia Lewis</i></li> <li>c. Combining human health, food, weather, and land-use data in the investigation of a Shiga-toxin producing E. coli (STEC) O157 outbreak in the UK; a potential novel One Health surveillance approach, <i>Neil Cunningham</i></li> <li>d. National weekly epidemiological teleconferences – a successful tool for early warning and public health service communication within the COVID-19 crisis, <i>Nadine Zeitlmann</i></li> <li>e. Whole Genome Sequencing supports epidemiological investigation of community-based Clostridioides difficile clusters, <i>Israa Mohammed</i></li> <li>f. Sampling schedules for children and characterising non-travel cases of typhoid and paratyphoid: Evidence for action, <i>Amoolya Vusirikala</i></li> </ul> | <p>Fireside session 2</p> <p><b>COVID-19 Vaccination: Assessing effectiveness</b></p> <ul style="list-style-type: none"> <li>a. Effectiveness and durability of a fourth COVID-19 vaccine dose against severe outcomes among older individuals in Norway: A population-based cohort study, <i>Melanie Stecher</i></li> <li>b. Effectiveness of COVID-19 vaccine boosters in individuals ≥80 years by number of doses and time since the booster using electronic health registries, VEBIS multi-country study, June 2022-January 2023, <i>Mario Fontán-Vela</i></li> <li>c. Effectiveness of mRNA bivalent vaccines against symptomatic SARS-CoV-2 infection at primary care level in the EU/EEA (VEBIS), September 2022-March 2023, <i>Charlotte Lanièce Delaunay</i></li> <li>d. Vaccine averted and preventable COVID-19 deaths during the COVID-19 pandemic – Register-based cohort study in Finland, <i>Eero Poukka</i></li> <li>e. Bivalent mRNA booster vaccine effectiveness against COVID-19 hospitalizations and deaths in Portugal using an electronic health records cohort, September 2022 to February 2023, <i>Ausenda Machado</i></li> <li>f. Effectiveness of second BNT162b2 mRNA booster doses in protecting against SARS-CoV-2 infection during the Omicron sub-variant waves; the UK SIREN study June 2022 to March 2023, <i>Victoria Hall</i></li> </ul> |
| 13.45-15.15 | <p>Fireside session 3</p> <p><b>Threats and outbreaks of food and water borne diseases</b></p> <ul style="list-style-type: none"> <li>a. Cross-border sharing of food isolates solved an outbreak with invasive Listeria monocytogenes infection in ready-to-eat cold-cut meat, Denmark 2022, <i>Laura Espenhain</i></li> <li>b. Water supply system as the source of the largest Cryptosporidium outbreak recorded in France, November-December 2019, <i>Lauriane Ramalli</i></li> <li>c. Shiga toxin-producing Escherichia coli O103 outbreak linked to unpasteurised brie-style cheese: case-control study using a market research panel, <i>Eleanor Blakey</i></li> <li>d. An outbreak of Escherichia coli O157:H7 in Wales associated with a visit to an open farm in England, <i>Colin Griffiths</i></li> <li>e. The role and limitations of routine Cryptosporidium subtyping in Cryptosporidium surveillance in Sweden, <i>Hilde De Clerck</i></li> <li>f. Reduction in Salmonella notifications following introduction of COVID-19 control measures, Ireland, 2015-2021, <i>Charlotte Salgaard Nielsen</i></li> </ul>   | <p>Fireside session 4</p> <p><b>Sexually and community acquired infections, including HIV</b></p> <ul style="list-style-type: none"> <li>a. Questioning Risk Compensation: Pre-exposure Prophylaxis (PrEP) and Sexually Transmitted Infections Among Men who have Sex with Men in Denmark, <i>Sebastian von Schreeb</i></li> <li>b. Association between HIV status and risk of SARS-CoV-2 breakthrough infection and subsequent hospitalisation after COVID-19 vaccination in Italy (January – October 2021), <i>Alberto Mateo Urdiales</i></li> <li>c. Reduction in the risk of mpoxv infection after MVA-BN vaccination in individuals on HIV pre-exposure prophylaxis: a Spanish cohort study, <i>Mario Fontán-Vela</i></li> <li>d. Prevalence of Mpox-specific antibodies in sera collected between January – September 2022 in England: A cross-sectional seroprevalence study, <i>Ash Otter</i></li> <li>e. Less is more – strict control measures obstructed efficient contact tracing during the 2022 mpox outbreak in the Netherlands, <i>Diederik Brandwagt</i></li> <li>f. Factors associated with non-initiation of antiretroviral therapy among adults newly diagnosed with HIV in Andijan, Uzbekistan, 2018-2021, <i>Shokhrub Usmanov</i></li> </ul>  |

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## FIRESIDE SESSIONS PROGRAMME

CET time zone

**DAY 2 - 23 November**

|             |   |  |
|-------------|---|--|
| 11.00-12.30 | <p>Fireside session 5</p> <p><b>Disease Surveillance: trends, outcomes and patterns</b></p> <ul style="list-style-type: none"> <li>a. Impact of the closure of day-cares and schools in response to the COVID-19 pandemic on European adults' work-life balance, European Union 2020-2022, <i>Ettore Severi</i></li> <li>b. Transferring inpatients between wards drives large nosocomial COVID-19 outbreaks, Wales, United Kingdom, 2020-22: a matched case-control study using routine and enhanced surveillance data, <i>Rachel Merrick</i></li> <li>c. How did the number of healthcare associated infection outbreaks with bacterial pathogens develop during the SARS-CoV-2 pandemic? – Descriptive analysis of surveillance data in Germany, 2017–2022, <i>Stratil Jan M</i></li> <li>d. Impact of COVID-19 pandemic on incidence and mortality of Clostridioides difficile infection in Wales, UK, <i>Rubeshkumar Polani Chandrasekar</i></li> <li>e. Epidemiology of persons with repeat episodes of Clostridioides difficile in Wales, United Kingdom, April 2015- March 2022, <i>Rubeshkumar Polani Chandrasekar</i></li> <li>f. Using surveillance data to evaluate the risk of severe outcomes of COVID-19 during the 2022/2023 winter in Sweden – did the autumn booster among people 65 years and older make a difference?, <i>Emma Löf</i></li> </ul> | <p>Fireside session 6</p> <p><b>Health promotion and disease prevention</b></p> <ul style="list-style-type: none"> <li>a. Establishing infodemic management in Germany: a framework for social listening and integrated analysis to report infodemic insights at the national public health institute, <i>Sonia Boender</i></li> <li>b. Hygiene assessment in day care centres using the Infection Risk Scan (IRIS), the Netherlands, <i>E.M. den Boogert</i></li> <li>c. Frameworks to support evidence-informed decision-making from a public health perspective and its application in infectious disease prevention and control: A scoping review, <i>Pablo Alonso-Coello</i></li> <li>d. Invitation and reminders for shingles vaccination improves uptake among patients registered with a GP. A cross-sectional survey of General Practices in Wales, 2022, <i>Frances Rowley</i></li> <li>e. Perceived barriers and facilitators to infection prevention and control in Dutch residential care facilities for people with intellectual and developmental disabilities: a cross-sectional study, <i>Famke Houben</i></li> </ul> |
| 13.45-15.15 | <p>Fireside session 7</p> <p><b>Respiratory infections</b></p> <ul style="list-style-type: none"> <li>a. Vaccine effectiveness against influenza A(H3N2), A(H1N1)pdm09 and B: Results from the 2022–23 season European VEBIS primary care multicentre study, <i>Marine Maurel</i></li> <li>b. 2022/23 seasonal vaccine effectiveness against hospitalised influenza A: pooled results from 7 countries participating in the European Vaccine Effectiveness, Burden and Impact Studies (VEBIS) project, <i>Jennifer Howard</i></li> <li>c. Varicella zoster as a risk factor for invasive Group A Streptococcal infection in children aged 6 months to 5 years, a prospective case control study in the Netherlands, <i>Ilse Hazelhorst</i></li> <li>d. Factors associated with mortality from invasive group A Streptococcus infection, England, 2015-2023, <i>Oliver McManus</i></li> <li>e. Factors associated with unfavorable tuberculosis treatment outcomes, Almaty, Kazakhstan, 2018-2021, <i>Malika Gabdullina</i></li> </ul>   |  |

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## FIRESIDE SESSIONS PROGRAMME

CET time zone

**DAY 3 - 24 November**

|                    |   |  |
|--------------------|---|--|
| <p>11.00-12.30</p> | <p>Fireside session 8</p> <p><b>Healthcare-associated infections</b></p> <ul style="list-style-type: none"> <li>a. Incidence of healthcare-associated infections in Greek long-term care facility residents, May-December 2022 (GR-H4LS), <i>Christina-Anna Kavakioti</i></li> <li>b. Outbreak of iatrogenic botulism post intragastric botulinum neurotoxin treatment for obesity – travel-associated cases in Germany, <i>Christina Frank</i></li> <li>c. Update: Disability-adjusted life-years and attributable deaths caused by bloodstream infections due to vancomycin-resistant <i>Enterococcus faecium</i> in Germany, 2015-2021, <i>Simon Brinkwirth</i></li> <li>d. Genotypic and phenotypic antimicrobial resistance in <i>Clostridioides difficile</i> in the overall Irish population, 2022, <i>Lieke Brouwer</i></li> <li>e. Healthcare-associated hepatitis B and C transmission to patients in the EU/EEA and UK: a systematic review of reported outbreaks between 2006 and 2021, <i>Jasleen Singh</i></li> <li>f. Waterborne outbreak of <i>Mycobacterium abscessus</i> in a UK specialist heart and lung hospital: patients, mitigations and implications, <i>Ellen Heinsbroek</i></li> </ul> | <p>Fireside session 9</p> <p><b>Global health</b></p> <ul style="list-style-type: none"> <li>a. Antenatal care-based molecular surveillance of malaria in Mozambique, <i>Nanna Brokhattingen</i></li> <li>b. Investigation of an aseptic meningitis outbreak in Hebron district, West Bank, 2022, <i>Ayah Tuffaha</i></li> <li>c. Evidence of autochthonous West Nile virus transmission in Berlin, 2021 and 2022, <i>Claudia Ruscher</i></li> <li>d. Cholera outbreaks: the need to connect epidemiology to systems-level interventions – Municipality of Caraga, Philippines, 2021, <i>Ian Christian Gonzales</i></li> <li>e. Distribution of <i>Rickettsia</i> species among hospitalized cases and ticks in Pavlodar region, Kazakhstan, 2019, <i>Yekaterina Bumburidi</i></li> <li>f. Prevalence and determinants of depression among healthcare workers during the COVID-19 pandemic in Khujand, <i>Tajikistan</i>, 2022, <i>Jamila Silemonshoeva</i></li> </ul> |
| <p>13.45-15.15</p> | <p>Fireside session 10</p> <p><b>Modelling, biostatistics, and health informatics</b></p> <ul style="list-style-type: none"> <li>a. Environmental factors associated with <i>Escherichia coli</i> concentration at freshwater beaches in Lake Winnipeg, Manitoba, Canada, <i>Binyam Desta</i></li> <li>b. SARS-CoV-2 transmission patterns in educational settings, <i>Carla Molina Grané</i></li> <li>c. Estimating the effect of the South Africa flight ban in November 2021 on the SARS-CoV-2 Omicron outbreak in the Netherlands: A modelling study, <i>Elke Wynberg</i></li> <li>d. Risk factors associated with COVID-19 outbreak intensity in Canada: a negative binomial analysis, <i>Demy Dam</i></li> <li>e. Modelling the incidence and prevalence of chronic hepatitis C among people who inject drugs in Norway to monitor progress towards elimination, <i>Robert Whittaker</i></li> </ul>   | <p>Fireside 11</p> <p><b>Late breakers</b></p> <p><i>To be announced</i></p>   |

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## POSTER TOURS PROGRAMME

PROVISIONAL: last update 20 September

DAY 1 - 22 November: 15.30-16.15 CET time zone

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|--|---|
| <p>Poster tour 1</p> <p><b>COVID-19: Surveillance</b></p> <ol style="list-style-type: none"> <li>Impact of the COVID-19 pandemic on the reporting of infectious diseases in the EU/EEA, 2012-2021, <i>Carlos Carvalho</i></li> <li>Characterisation of SARS-CoV-2 reinfections detected through successive variant waves in the SIREN UK healthcare worker study, June 2020 to March 2023, <i>Katie Munro</i></li> <li>Risk factors associated with COVID-19-related death during the Omicron period in North Macedonia, 2022, <i>Katerina Kirkovik Kolevska</i></li> <li>A case-case study design using national surveillance data underlines the role of immunocompromise among vaccinated COVID-19 cases requiring critical care in Ireland in 2021, <i>David Kelly</i></li> <li>The participatory surveillance system GrippeWeb helps to date and quantify changes in sensitivity of COVID-19 incidence in national notifiable disease surveillance data in Germany, <i>Anna Loenenbach</i></li> <li>Results from WHO GISRS Global External Quality Assessment Programme (EQAP) 2020-2022 for molecular detection of SARS-CoV-2, <i>Saira Hussain*</i></li> </ol>                      | <p>Poster tour 2</p> <p><b>Food- and waterborne diseases</b></p> <ol style="list-style-type: none"> <li>Impact of the COVID-19 pandemic on non-typhoidal Salmonella surveillance in England, <i>Amy Douglas</i></li> <li>Assessing Giardiasis incidence in travellers for various destination countries and regions using surveillance and travel data, Germany, 2014-2019, <i>Mirko Faber</i></li> <li>Risk factors for household transmission of Shigella during an outbreak in Tunisia, July-November 2022, <i>Emna Mziou</i></li> <li>Foodbook 2.0: Highlights from the Canadian food, water and animal exposure study, <i>Katharine Fagan-Garcia</i></li> <li>Molecular detection of Shiga toxin-producing Escherichia coli (STEC) in water using a sensitive and rapid water-based filtration method, <i>Zina Alfahl</i></li> <li>Collaborative partnership in foodborne outbreak investigations: a comprehensive approach by the United States Centers for Disease Control and Prevention and the Food and Drug Administration, <i>Jennifer Beal</i></li> </ol>  |
| <p>Poster tour 3</p> <p><b>COVID-19: Vaccination</b></p> <ol style="list-style-type: none"> <li>COVID-19 vaccination in Spain - a success story, <i>Ana Fernandez Dueñas</i></li> <li>Additional benefit of a second booster dose against COVID-19 hospitalization. A case-control study with data from sentinel SARI surveillance in Spain, <i>Clara Mazagatos</i></li> <li>Temporal changes to case fatality risk of COVID-19 following vaccination in England: a national surveillance study, <i>Florence Halford</i></li> <li>Reactogenicity of heterologous boosting with Bimervax (PHH-1V, HIPRA) against SARS-CoV-2: differences upon previous infection and prime-vaccination regime. Results of a phase 3 clinical trial, <i>Salomé de Cambra Florensa</i></li> <li>Pre-existing chronic conditions and COVID-19 vaccination uptake, <i>Mary Barker</i></li> <li>Impact of the Health on Wheels Intervention on COVID-19 vaccination in Guatemala, <i>Evelyn Balsells</i></li> </ol>  | <p>Poster tour 4</p> <p><b>Antimicrobial resistance</b></p> <ol style="list-style-type: none"> <li>Extended-spectrum beta-lactamase producing E. coli causing urinary tract infections in Iceland. Analysis of epidemiology and risk factors in 2012-2021, <i>Anna Margrét Halldórsdóttir</i></li> <li>Changes in the epidemiology of carbapenem-resistant Acinetobacter spp. before and during the COVID-19-pandemic, Germany, January 2017 - December 2021, <i>Jonathan Hans Josef Baum</i></li> <li>Antimicrobial resistance in Greece: data from the Greek Electronic System for the Surveillance of Antimicrobial Resistance - WHONET-Greece, 2018 to 2022, <i>Michalis Polemis</i></li> <li>Epidemiology and antimicrobial resistance of neisseria gonorrhoeae in Catalonia, 2018-2021, <i>Mercè Herrero Garcia</i></li> <li>Investigation of genomic clusters of NDM-1-producing Klebsiella pneumoniae in Germany suggests geographically broad spread in Ukraine and nosocomial transmission in Germany, 2022, <i>Mirco Sandfort</i></li> <li>Consumption of antibiotics in response to invasive group A streptococcus outbreak and changed clinical guidelines in England, winter 2022, <i>Emma Budd</i></li> </ol>  |
| <p>Poster tour 5</p> <p><b>COVID-19: Burden of disease</b></p> <ol style="list-style-type: none"> <li>Household transmission of the omicron variant of SARS-CoV-2 - Results from the DigiHero study, <i>Bianca Klee</i></li> <li>Importance of socioeconomic status for COVID-19 outcomes in urban Italy during the vaccine rollout, January - November 2021, <i>Emmanouil Alexandros Fotakis</i></li> <li>Timely detection of excess mortality attributable to COVID-19 in Europe compared to officially reported COVID-19 deaths: Estimates from 26 countries in the EuroMOMO network, <i>Sarah Kristine Nørgaard</i></li> <li>COVID-19 and influenza attributable mortality during the COVID-19 pandemic in 31 European countries, <i>Jens Nielsen</i></li> <li>Predictors of COVID-19 vaccination uptake among health care workers, in Albania, 2023, <i>Anisa Xhaferi</i></li> <li>COVID-19 knowledge and attitude towards COVID-19 among students and faculty of medical universities, Kazakhstan, February-March 2021, <i>Ulyana Kirpicheva</i></li> </ol>  | <p>Poster tour 6</p> <p><b>Tuberculosis</b></p> <ol style="list-style-type: none"> <li>Active tuberculosis screening among the displaced population fleeing Ukraine, France, February to October 2022, <i>Guthmann Jean-Paul</i></li> <li>Trends in Tuberculosis in Cyprus: analysis of surveillance data from 2011 to 2021, <i>Annalisa Quattrocchi</i></li> <li>Effectiveness of preventive treatment for latent tuberculosis infection and its determinants in real-world settings: A retrospective cohort study in Korea, 2015-2018, <i>Da Seul Kim</i></li> <li>Low sensitivity of the Tuberculosis surveillance system: a capture-recapture study, Tunis, Tunisia, 2022, <i>Ines Cherif</i></li> <li>Evaluation of the implementation of the change to the BCG immunisation programme in England, <i>Koren Jones</i></li> <li>Epidemiological investigations informed a TB screening event for the homeless population in Boston, England, <i>Mona Dave</i></li> </ol>  |
| <p>Poster tour 7</p> <p><b>HIV, STIs and viral hepatitis: Surveillance</b></p> <ol style="list-style-type: none"> <li>A statistical method to estimate the number of duplicate entries in statutory infectious disease surveillance in the absence of personal identifiers: Example of hepatitis B in Germany, 2017-2022, <i>Anja Schoeps</i></li> <li>Task Force for the rapid response to the outbreak of severe acute hepatitis of unknown aetiology in children in Portugal in 2022, <i>Berta Grau-Pujol</i></li> <li>Spatial epidemiology of genital herpes simplex in Korea: Clustering and Bayesian spatial regression analysis for its determinants, <i>Joonsu Jang</i></li> <li>Mpox outbreak in France: the association between reported sexual activity and epidemiological characteristics of male cases aged 15 years or older, 2022, <i>Catarina Krug</i></li> <li>Predictors of repeat testing and repeat infectious syphilis in men who have sex with men with a history of syphilis in the Netherlands, <i>Laura Kayaert</i></li> <li>Uses and limitations of routine enhanced surveillance data to understand syphilis reinfections, <i>Justine Marshall*</i></li> </ol> | <p>Poster tour 8</p> <p><b>COVID-19: vaccine effectiveness</b></p> <ol style="list-style-type: none"> <li>COVID-19 vaccine effectiveness by number of doses received in a multicentre test-negative design study at primary care level in Europe (VEBIS), <i>Charlotte Lanièce Delaunay</i></li> <li>Relative effectiveness of any COVID-19 vaccine booster doses against Omicron SARS-CoV-2 infections in an ECDC multi-centre healthcare worker cohort (VEBIS study), December 2021-March 2023, <i>Camelia Savulescu</i></li> <li>Estimating vaccine effectiveness against COVID-19 using related sick leaves as an indicator: A nationwide population-based cohort study, Norway, July 2021 - December 2022, <i>Hinta Meijerink</i></li> <li>Estimation of COVID-19 vaccine effectiveness against severe outcomes among adults hospitalized for severe acute respiratory infections in Albania, July 2022- March 2023, <i>Jonilda Sulo</i></li> <li>Three reference groups for estimating the effectiveness of the most recent COVID-19 vaccination dose, Vaccine Effectiveness Burden and Impact Studies (VEBIS), December 2021-February 2023, <i>Liliana Antunes</i></li> <li>Duration of COVID-19 vaccine effectiveness against Omicron and its sub-variants by dose: a systematic review, <i>Anurima Baidya</i></li> </ol> |

\*This poster will be presented remotely

## POSTER TOURS PROGRAMME

DAY 2 - 23 November: 15.30-16.15 CET time zone

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|---|--|
| <p>Poster tour 9</p> <p><b>Emerging diseases</b></p> <ol style="list-style-type: none"> <li>Citizen science as an effective tool to detect the tiger mosquito (<i>Aedes albopictus</i>) in Belgium, <i>Javiera Rebolledo</i></li> <li>Elevated neuroinvasive Toscana Virus incidence in Italy during 2022: an emerging public health threat?, <i>Emmanouil Alexandros Fotakis</i></li> <li>Acute hepatitis of unknown aetiology: examining the North-East England Cohort, <i>Emer Cullen</i></li> <li>Hay exposure as a risk factor associated with the spread of Crimean-Congo Hemorrhagic fever (CCHF), Georgia, 2022, <i>Levan Liluashvili</i></li> <li>Aetiology of Acute Undifferentiated Febrile Illness (AUI) at a tertiary care centre in Eastern Uttar Pradesh, India, <i>Vishwa Deepak Tiwari</i></li> <li>Fatal <i>Streptococcus pyogenes</i> cases in Europe and Turkey, a case series including autopsy data, <i>Veroniek Saegeman*</i></li> </ol>   | <p>Poster tour 10</p> <p><b>Foodborne disease outbreak investigations</b></p> <ol style="list-style-type: none"> <li>Foodborne outbreak investigation in a Public High School in Cinfães, Northern Region of Portugal, February 2023, <i>Davy Fernandes</i></li> <li>An outbreak of <i>Cryptosporidium parvum</i> linked to the consumption of pasteurised milk from a vending machine in Wales, 2023, <i>Andrew Nelson</i></li> <li>Outbreak of <i>Salmonella</i> Typhimurium linked to Swedish rocket salad, Sweden, September-November 2022, <i>Karolina Fischerström</i></li> <li><i>Shigella flexneri</i> outbreak linked to a takeaway in South Wales, February 2023: a case-control study, <i>Amy Plimmer</i></li> <li>A Foodborne Outbreak of <i>B. cereus</i> associated with Consumption of Bonito Fish, in a Factory, Gebze, Kocaeli, Türkiye, January 2023, <i>Nurhayat Gürbüz-Adem</i></li> <li>Gastroenteritis outbreak at a delivery restaurant, Talgar, Kazakhstan, 2023, <i>Feruz Ablimitova</i></li> </ol>   |
| <p>Poster tour 11</p> <p><b>Late breakers I</b></p> <p>To be announced</p>  | <p>Poster tour 12</p> <p><b>One Health, global health and climate change</b></p> <ol style="list-style-type: none"> <li>Effect of seawater temperature on incidence of severe <i>Vibrio</i> spp infections in Norway, 2014-2018, <i>Beatriz Valcarcel</i></li> <li>SARS-CoV-2 in lions, gorilla's and zookeepers in the Rotterdam zoo: a one health investigation, <i>Aimée Tjon-A-Tsien</i></li> <li>Climate change and public health – stepping up to the challenge of the Asian tiger mosquito in Baden-Wuerttemberg, Germany, <i>Maylin Meincke</i></li> <li>Mosquito-borne virus preparedness and response: a stakeholder network analysis for the Netherlands, <i>Pauline Amber de Best</i></li> <li>Antimicrobial Resistance and Molecular Detection of Carbapenem Resistance in <i>Klebsiella pneumoniae</i> from Clinical Samples in Nyanya General Hospital, Abuja-Nigeria 2023, <i>Benson Omaiye</i></li> </ol>   |
| <p>Poster tour 13</p> <p><b>Genome sequencing in surveillance and outbreak investigations</b></p> <ol style="list-style-type: none"> <li>Whole genome sequencing versus PCR ribotyping for investigation of <i>Clostridioides difficile</i> – infection, prevention and control impacts, <i>Victoria Daniel</i></li> <li>Increase of Group A <i>Streptococcus</i> (GAS) infections in Austria in 2023 - a genome-based characterization of invasive and non-invasive <i>Streptococcus pyogenes</i> isolates, <i>Maria João Cardoso</i></li> <li>A multi-serotype <i>Salmonella</i> public house outbreak (2020-2023) identified through Whole Genome Sequencing (WGS) in the Midlands, UK, <i>Daniel Blackman</i></li> <li>Multi-country outbreak of <i>Salmonella</i> Senftenberg linked to cherry tomatoes, 2022 to 2023, <i>Laura Giese</i></li> <li>Consumer purchase data facilitated identification of fish patties as the source of an invasive <i>Listeria monocytogenes</i> outbreak, Denmark 2022, <i>Pernille Kold Munch</i></li> <li>Molecular epidemiology of TB in Ireland over 10 years reveals a heterogeneous population and over-estimation of transmission events using traditional genotyping methods, <i>Emma Roycroft*</i></li> </ol> | <p>Poster tour 14</p> <p><b>Implementation science and vaccine preventable diseases</b></p> <ol style="list-style-type: none"> <li>Vaccine effectiveness using the 23-valent pneumococcal polysaccharide vaccine against invasive pneumococcal disease in those ≥65 years old: Estimating effectiveness over time and stratified by age, <i>Katrine FINDERUP Nielsen</i></li> <li>Knowledge, attitudes and practices (KAP) towards pneumococcal infection and vaccination among primary health care physicians, Ukraine, 2021, <i>Oksana Artemchuk</i></li> <li>Effectiveness of the 23-valent pneumococcal polysaccharide vaccine against invasive pneumococcal disease and serotype specific disease aimed at those ≥65 years of age, <i>Lise Birk Nielsen</i></li> <li>Low seroprotection against diphtheria and tetanus in Lao adolescents, <i>Lisa Hefele</i></li> <li>Maternal and infant immunity against pertussis in Norway, <i>Margrethe Greve-Isdahl</i></li> <li>Measles and Rubella immune status from serological cross-sectional surveys in 1995-1996, 2006-2007 and 2016-2017 in The Netherlands, <i>Tom Woudenberg</i></li> </ol> |
| <p>Poster tour 15</p> <p><b>Mpox: surveillance and outbreak investigations</b></p> <ol style="list-style-type: none"> <li>Global epidemiology of the multicounty monkeypox outbreak, 2022-23, <i>Ana Hoxha</i></li> <li>Monkeypox outbreak surveillance based on emergency department visits, <i>Bernadette Verrat</i></li> <li>In-action evaluation of surveillance processes of mpox in EU/EEA, 2022, <i>Xanthi Andrianou</i></li> <li>Household mpox transmission: estimating the secondary attack rate and factors associated with transmission within households in the UK mpox outbreak between May and November 2022, <i>Charlotte Anderson</i></li> <li>Effectiveness of historical childhood smallpox vaccination against mpox: estimation using the screening method on surveillance data from countries in Europe, 2022-2023, <i>Soledad Colombe</i></li> <li>Investigation of a suspected case of monkey pox, Iboke, health district of Tabou, Côte d'Ivoire, July 2022, <i>Kaliifa Coulibaly</i></li> </ol>  | <p>Poster tour 16</p> <p><b>COVID-19 and other respiratory diseases</b></p> <ol style="list-style-type: none"> <li>Real-world evaluation of daily self-administered lateral flow tests for SARS-CoV2 for contacts of COVID-19 cases, <i>Nicola Love</i></li> <li>How the COVID pandemic and physical distancing measures implemented impacted on the social contacts and mixing patterns in Norway? Insights from a panel study, April to September 2020, <i>Lampirini Veneti</i></li> <li>Characterisation of serological correlates of protection against SARS-CoV-2 throughout the pandemic within the UK-based SIREN study, <i>Ana Atti</i></li> <li>Severity assessment of Acute Respiratory infections during the pandemic seasons 2019/2020- 2022/23 in Germany, <i>Tanja Jung-Sendzik</i></li> <li>Annual Burden of Hospitalized Influenza in Albania, 2009/2010 – 2021, <i>Artan Simaku</i></li> <li>How did the Covid pandemic response harm society? A global evaluation and state of knowledge review (2020-21), <i>Kevin Bardosh</i></li> </ol>   |

\*This poster will be presented remotely



## POSTER TOURS PROGRAMME

DAY 3 - 24 November: 15.30-16.15 CET time zone

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| <p>Poster tour 17</p> <p><b>Modelling, biostatistics, and health informatics</b></p> <ul style="list-style-type: none"> <li>a. Malaria spatial genomics to infer connectivity, importation and transmission flow of <i>Plasmodium falciparum</i> in Mozambique, <i>Arnaud Pujol</i></li> <li>b. Modelling COVID-19 outbreaks and response options in the 30 EU/EEA countries: Insights from continuous model development and reflections for winter 2023-2024, <i>Rene Niehus</i></li> <li>c. Causal relationships between human mobility and the spread of Covid19 in Spain, <i>Camila Pontes</i></li> <li>d. A spatio-temporal predictive model inferring the year-to-year probability of occurrence of TBE human cases in Europe, <i>Francesca Dagostin</i></li> <li>e. Studying time-evolution of age-specific differences in susceptibility to SARS-CoV-2 infection based on social contact data, <i>Nicolas Franco</i></li> <li>f. A novel approach to analyzing seasonal patterns in epidemics using a higher-dimensional state space, <i>Lenka Pribylova</i></li> </ul>   | <p>Poster tour 18</p> <p><b>Surveillance in action: strategies, challenges, and innovations</b></p> <ul style="list-style-type: none"> <li>a. Implementing a subnational family-doctor-based respiratory disease surveillance system in Baden-Wuerttemberg, Germany, 2022, <i>Klein Juliana</i></li> <li>b. Improving Compliance of Village Health Centers to the Mandatory Reporting of Notifiable Diseases in the Municipality of Itogon, Province of Benguet, Philippines, 2022, <i>Rossan Balisto</i></li> <li>c. Nationwide system for early warning and monitoring of nosocomial outbreaks of (highly resistant) microorganisms in the Netherlands: characteristics of outbreaks in 2012-2021, <i>Sjoukje Woudt</i></li> <li>d. Enhancing Respiratory Infection Monitoring in Albania: The Role of Integrated Surveillance Information System, <i>Kujtim Mersini</i></li> <li>e. The StopptCOVID Study: Analysing the Effectiveness of Non-Pharmaceutical Interventions in Germany Across Three Waves, <i>Andreas Hicketier</i></li> <li>f. Using passive samplers in sewage to monitor a hepatitis A outbreak at an Amsterdam school, <i>Maarten de Jong</i></li> </ul>  |
| <p>Poster tour 19</p> <p><b>Insights on vaccination</b></p> <ul style="list-style-type: none"> <li>a. Evaluating the hepatitis B vaccination impact in the Republic of Moldova – a nationwide representative serosurvey of children born in 2013, <i>Michael Brandl</i></li> <li>b. Outcomes of post-exposure vaccination prophylaxis for Mpox in paediatric contacts during 2022 outbreak in Catalonia, <i>Blanca Borrás-Bermejo</i></li> <li>c. Taking stock of vaccine hesitancy, associated characteristics and moral values among Dutch parents, <i>Daphne Bussink-Voorend</i></li> <li>d. Knowledge, attitudes and practices of influenza vaccination among healthcare workers in Bitola, Republic of North Macedonia, <i>Svetlana Popovska Kljuseva</i></li> <li>e. Effectiveness of control interventions during a large meningococcal C outbreak in Tuscany, Italy, <i>Stefano Merler</i></li> <li>f. Impact of under-reporting on vaccine effectiveness estimates derived from retrospective cohort studies: a simulation study, <i>Chiara Sacco</i></li> </ul>   | <p>Poster tour 20</p> <p><b>Waterborne outbreaks and related interventions</b></p> <ul style="list-style-type: none"> <li>a. A community waterborne outbreak due to <i>Salmonella Bovismorbificans</i>, Greece, August 2022, <i>Lida Politi</i></li> <li>b. Cholera: back to the basics of community sanitation - an outbreak in the Municipality of Manay, Philippines, 2021, <i>Ian Christian Gonzales</i></li> <li>c. A Waterborne Outbreak of Hemolytic Uremic Syndrome (HUS) caused by Verotoxigenic E. Coli O104:H4 after Feast of Sacrifice in Türkiye, <i>Burak Kurt</i></li> <li>d. Waterborne outbreak in Bilecik, Türkiye, February 2022, <i>Tugba Baltaci</i></li> <li>e. A large outbreak of Hepatitis A outbreak in a northern community in Canada 2021-2022: Public Health Interventions and Immunisation in a Remote Context, <i>Yassen Tcholakov</i></li> <li>f. Investigation and characterisation of a cholera outbreak in Lebanon after three decades cholera-free, 2022, <i>Abass Joumy</i></li> </ul>   |
| <p>Poster tour 21</p> <p><b>Vaccine preventable diseases: surveillance, outbreaks and burden of disease</b></p> <ul style="list-style-type: none"> <li>a. Measurement of Population-Level Measles Immunity in Ontario, Canada Using Serology Data Linked to Health Administrative Data, <i>Archchun Ariyaratjah</i></li> <li>b. 20 years of MERIN (Meningitis and Encephalitis Registry in Lower Saxony and Bremen) – design and main results of a syndromic surveillance system, <i>Mareike Wollenweber</i></li> <li>c. Local increase of serogroup B invasive meningococcal disease caused by an emerging strain, Auvergne-Rhône-Alpes region, France, 2021-2022, <i>Alexandra Thabuis</i></li> <li>d. Varicella burden in Portugal from 2013 to 2022: implications of the COVID-19 pandemic in a context of a missing varicella vaccine recommendation, <i>Berta Grau-Pujol</i></li> <li>e. Genomic characterization, antimicrobial susceptibility and vaccine reactivity to 4CMenB of <i>Neisseria meningitidis</i> producing invasive meningococcal disease in Spain, <i>Josep Roca</i></li> <li>f. Insufficient access to diagnosis hampers surveillance of invasive meningococcal disease in the Republic of Moldova, <i>Veaceslav Gutu</i></li> </ul> | <p>Poster tour 22</p> <p><b>Infectious diseases and at risk populations</b></p> <ul style="list-style-type: none"> <li>a. Socioeconomical inequalities in the incidence of bacteraemias in England: a national surveillance and data linkage study, <i>Andrea Mazzella</i></li> <li>b. Group B <i>Streptococcus</i> maternal colonization and neonatal sepsis in Belgium between 2012 and 2021: a description of the epidemiological situation, <i>Zsofia Bognar</i></li> <li>c. An outbreak of invasive Group A <i>Streptococcus</i> in a residential care facility in the North-East of Ireland, <i>Clara Carroll</i></li> <li>d. STEC clearance times in children and risk of transmission in childcare setting remain unchanged despite increase in detected non-O157 cases in England, <i>Amoolya Vusirikala</i></li> <li>e. Impact of COVID-19 on thirty-day all-cause mortality associated with Gram-negative Bacteraemia in England, <i>Taimoor Hasan</i></li> <li>f. Preparing long-term care facilities for future pandemics – a systematic review on the effectiveness of non-pharmacological interventions against viral, respiratory pathogens with pandemic potential, <i>Stratil Jan M*</i></li> </ul> |
| <p>Poster tour 23</p> <p><b>Late breakers II</b></p> <p><i>To be announced</i></p>  | <p>Poster tour 24</p> <p><b>Surveillance methods and tools</b></p> <ul style="list-style-type: none"> <li>a. Implementation of primary health care surveillance in Malta: a data completion evaluation, <i>Ariana Wijermans</i></li> <li>b. Using artificial intelligence to improve epidemic intelligence processes: development and impact measurement of R templates for validating and summarising public health threats, <i>Laura Espinosa</i></li> <li>c. Extracting Contextual Information about Infectious Diseases from Electronic Case Notes for Situational Awareness, <i>Mark Drakesmith</i></li> <li>d. Evaluation of a newly implemented electronic reporting system for notifiable diseases in Denmark, <i>Sophie Agger</i></li> <li>e. Development and validation of syndromic surveillance for gastrointestinal infections in emergency departments: a novel tool that complements existing surveillance, Germany, January 2019 – August 2022, <i>Jonathan Baum</i></li> <li>f. Development of Acute Respiratory Illness (ARI) surveillance through sentinel pharmacies: a Welsh pilot, <i>Frances Rowley</i></li> </ul>   |

\*This poster will be presented remotely. NOTE: This is a provisional programme and sessions may change.