# Annex 11A. Incremental Progress Report (IPR) for EPIET fellows

From: Name of fellow Cohort: Cohort number

Host institute supervisor: Name of main supervisor

**Update from:** Current Month/YYYY

**Email of supervisor:** Institutional email of main supervisor

#### Note: please indicate changes from last IPR in red 1) Administrative Matters:

| Put date List and comment on administrative issues relevant to the training programme (salaries, insurance, hosting office, communication | Put status (starting,    |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| means, reimbursements etc.). Include also<br>meetings/teleconferences with supervisor(s) and frontline<br>coordinator.                    | ongoing, completed,<br>) |

#### 2) Outbreak Investigations:

| Date:    | Type of outbreak and your involvement:                                                                                                                                                                                                                                                                                                                                      | Status:                                      |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Put date | Describe any involvement in outbreak investigations. Each<br>completed outbreak investigation should be detailed in a<br>summary of about 15 lines (context, investigation team,<br>objectives, methods, results, conclusion, recommendations and<br>actions).<br>Please state also your role, e.g. if you were main investigator,<br>activities you contributed with, etc. | Put status (starting,<br>ongoing, completed) |
|          |                                                                                                                                                                                                                                                                                                                                                                             |                                              |

#### 3) Surveillance Activities:

| Date:    | Type of surveillance and your involvement:                                                                                                                                                                                    | Status:                                   |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Put date | Summarise activities related to epidemiological surveillance,<br>including protocols, data analysis and reports developed to set up<br>surveillance systems, evaluation schemes and results of<br>surveillance data analyses. | Put status (starting, ongoing, completed) |
|          |                                                                                                                                                                                                                               |                                           |

### 4) Research Activities:

| Date:    | Type of research and your involvement:                                                                                                                                                                        | Status:                                      |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Put date | Summarise research protocols, study reports or manuscripts<br>written during the last three months. The summary should<br>include: objectives, methods, results, recommendations and<br>public health impact. | Put status (starting,<br>ongoing, completed) |
|          |                                                                                                                                                                                                               |                                              |

#### 5) Training activities:

| Date:    | Type of training followed:                                                                                                                                                                                        | Status:                                      |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Put date | <ul> <li>a) List all training sessions/modules which you attended during<br/>the reporting period, and include comments on their content.<br/>This should also include the visits to the laboratories.</li> </ul> | Put status (starting,<br>ongoing, completed) |
|          | b) List all the EPIET modules you have attended.                                                                                                                                                                  |                                              |

#### 6) Teaching Activities:

| Date:    | Type of teaching and your involvement:                                                                                                                                               | Remarks:                                  |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Put date | List the context and content of various teaching sessions which<br>you helped to plan, develop or undertook. State the objectives,<br>content, audience and location of the courses. | Put status (starting, ongoing, completed) |
|          |                                                                                                                                                                                      |                                           |

# 7) Communication:

| Date:    | Type of communication (including publications and presentations):                                                                                                                                                                                                                                                                               | Remarks:                                     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Put date | <ul> <li>a) List all on call/ telephone help-line duties, TV and radio<br/>interviews, question and answers briefs, preparation of press<br/>releases, public health decision and policymaking sessions,<br/>oral scientific presentation, and poster presentations. List all<br/>scientific reports and manuscripts in preparation.</li> </ul> | Put status (starting,<br>ongoing, completed) |
|          | <ul> <li>b) List all publications, referenced using Vancouver style and organised according to type of article and type of journal:</li> <li>Epidemiological bulletin</li> <li>National or regional journals (state whether peerreviewed)</li> <li>International journals</li> </ul>                                                            |                                              |

# 8) Other:

| • / • • • • • • |                                                                                                                 |                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Date:           | Type of activity and your involvement:                                                                          | Remarks:                                  |
| Put date        | Short description of any other activity and your involvement (meetings, visits, international assignments, etc) | Put status (starting, ongoing, completed) |

# **Example of IPR**

| From: Name of fellow       |                                                             |
|----------------------------|-------------------------------------------------------------|
| <b>Cohort:</b> 2018        | Host institute supervisor: Name of main supervisor          |
| Update from: February 2019 | Email of supervisor: Institutional email of main supervisor |

## Note: please indicate changes from last IPR in red

# 1) Administrative Matters:

| Date:                     | Торіс:                                                                                | Status:   |
|---------------------------|---------------------------------------------------------------------------------------|-----------|
| 11/09/2018-<br>21/09/2018 | Move to new office                                                                    | Completed |
| 12/09/2018                | Meeting with main supervisor                                                          | Completed |
| 11/09/2018-<br>21/09/2018 | Finalise travel and logistical arrangements for Epiet Introductory<br>Course, Spetses | Completed |
| Oct. 2018                 | Evaluation of Epiet Introductory Course                                               | Completed |
| 18/10/2018                | Competency Development Tool                                                           | Completed |
| Dec. 2018                 | Module evaluations completed                                                          | Completed |
| 4/02/2019                 | TC with frontline coordinator                                                         | Completed |

### 2) Outbreak Investigations:

| Date:                  | Type of outbreak and your involvement:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Status:               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Oct 2018 - Feb<br>2019 | <b>Outbreak of Shigella</b> – Outbreak confirmed. First (and only) OCT meeting. Review of food histories by Food Safety Authority of Ireland. Following receipt of all data, content of outbreak report was discussed and agreed. Outbreak report (with descriptive analysis only) to be completed.                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ongoing               |
| Oct 2018 – Feb<br>2019 | <ul> <li>Joint EUPHEM/EPIET CPE project proposal – initial meeting &amp; discussions. Meeting held with Irish CPE experts and EUPHEM/EPIET fellows and supervisors regarding potential project proposals in December. Background reading on CPE. Gathering information regarding available data and data flows/screening/testing procedures in outbreak and non-outbreak settings in two major tertiary hospitals (including onsite visits to hospitals).</li> <li>Attended CPE OCT in major tertiary hospital on 21/02/2019. Further meetings arranged for 06/03 &amp; 07/03/2019 to agree on proposed joint EUPHEM/EPIET CPE project on this outbreak. Potential proposal may include network analysis (including WGS data).</li> </ul> | Initial<br>Discussion |
| February 2019          | National Mumps Outbreak - attending OCT meetings as observer. No current requirement for Epiet fellow.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |

#### 3) Surveillance Activities:

| Date:                  | Type of surveillance and your involvement:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Status:               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Oct 2018               | Salmonella, Listeria and Shigella: timeliness of cluster<br>detection after the introduction of WGS for and impact on<br>timeliness of cluster detection. Plan to write proposal in June<br>2019.                                                                                                                                                                                                                                                                                                                                                                                                               | Initial<br>Discussion |
| Oct 2018 - Feb<br>2019 | <ul> <li>Monitoring Influenza Vaccine Effectiveness (IMOVE) study <ul> <li>ethical approval granted</li> </ul> </li> <li>Resubmission of application to Research Ethics Committee <ul> <li>(REC) with further requested information regarding compliance with the Irish Health Research Regulations.</li> <li>Designed and wrote Patient Information Leaflet, as requested by REC.</li> <li>Proposal submitted</li> <li>Protocol written for GPs.</li> </ul> </li> <li>Database updated with new variables for 2018/19 season. Data collection commenced. Teleconference with all European partners.</li> </ul> | Ongoing               |

| <ul> <li>Background reading on methodology for pooled season analysis         <ul> <li>discussion with partners.</li> </ul> </li> <li>Plan of analysis completed.</li> <li>Coding STATA Do files for data labelling, recoding, validation and initial descriptive analysis</li> <li>Early season data validation and descriptive analysis of initial</li> </ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul> <li>patients recruited completed</li> <li>Data extraction for pooled European study completed</li> <li>Reviewed group paper for Rapid Communications<br/>Eurosurveillance – IMOVE European multicentre study</li> <li>Wrote mid-season report – deliverable for ECDC</li> </ul>                                                                            |

#### 4) Research Activities:

| Date:                  | Type of research and your involvement:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Status:                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 12/09/2018             | <ul> <li><u>Proposed</u> study on childhood influenza vaccination in Northern<br/>Ireland and Republic of Ireland –intercountry impact comparison</li> <li>Initial scoping teleconferences on possible time series analysis study<br/>between Northern Ireland and Republic of Ireland to assess the<br/>potential overall and indirect impact of the childhood influenza<br/>programme. Further meetings to be arranged. Plan to complete<br/>proposal and have dataset in advance of TSA module (4<sup>th</sup> November<br/>2019).</li> </ul>                                                                                     | Initial<br>Discussions |
| Oct 2018 -<br>Feb 2019 | <ul> <li>Ecological Study on Cryptosporidium (including GIS)</li> <li>Ethical approval. Application for data release approved.</li> <li>First meeting of all partners</li> <li>Background reading for project proposal; Partners' agreement on potential project.</li> <li>Project proposal completed and submitted for approval.</li> <li>Work on study protocol commenced.</li> <li>Developing SOP for geocoding the geospatial dataset; SOP to be used for other similar projects.</li> <li>Work on presentation for Training &amp; Research Forum on 08/03/2019 &amp; at UK mini-project review module on 18/03/2019.</li> </ul> | Ongoing                |
| Feb 2019               | Hepatitis C Seroprevalence study in antenatal cohort<br>First meeting planned with National Virus Reference Laboratory for<br>08/03/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Initial<br>Discussion  |

# 5) Training activities:

| Date:                     | Type of training followed:                                                                                                                                                   | Status:   |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 19/09/2018                | FETP Master Class on Network Analysis in Outbreak Investigations (1 hour)                                                                                                    | Completed |
| 17/09/2018-<br>21/09/2018 | Epiet Pre-Introductory Course E-learning modules                                                                                                                             | Completed |
| 24/09/2018-<br>12/10/2018 | Epiet Introductory Course – Spetses (3 weeks)                                                                                                                                | Completed |
| 19/10/2018                | Irish Health Research Regulations Seminar (2 hours)                                                                                                                          | Completed |
| Oct-Nov<br>2018           | Introduction to Outbreak Investigation - E-learning course- ECDC-EVA (estimated time 6-8 hours)                                                                              | Completed |
| Oct 2018-<br>Feb 2019     | Bacterial Genomes: Disease Outbreaks and Antimicrobial Resistance – Online UK course from Wellcome Genome Campus                                                             | Ongoing   |
| Nov 2018 –<br>Feb 2019    | Attended C2018 Webinar series (one hour each) – Measles; Randomised control trials; Getting started with R.                                                                  | Ongoing   |
| Nov/Dec<br>2018           | Rapid Risk Assessment (RRA) E-Learning course (pilot edition) – ECDC-<br>EVA (estimated time 3-5 hours)                                                                      | Completed |
| 3-7 Dec 2018              | Outbreak Investigation Module, Berlin (5 days)                                                                                                                               | Completed |
| Jan 2019                  | Training on Health Atlas Geo-referencing (0.5 day) and on research microdata files with Central Statistics Office (CSO) (0.5 day) for Cryptosporidiosis GIS proposed project | Completed |
| Jan 2019                  | Short training days on Systematic Reviews (SRs) and Meta-Analysis –<br>School of Public Health, University College Dublin. (2x0.5 days)                                      | Completed |

# Feb 2019 Influenza Bioanalytics E-Learning course (pilot edition) – ECDC EVA Ongoing

| Date:                     | Type of teaching and your involvement:                                                                                                                                            | Remarks:  |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 11/09/2018-<br>21/09/2018 | Training Surveillance Scientists and Surveillance Assistants on routine<br>influenza surveillance                                                                                 | Completed |
| 24/09/2018-<br>12/10/2018 | Epiet Introductory Course- group teaching assignment                                                                                                                              | Completed |
| 18/10/2018                | Lecture on Influenza Surveillance to Masters students in Healthcare<br>Infection Management at HPSC. Evaluation of lecture complete. Teaching<br>reflective note to be completed. | Ongoing   |
| 31/10/2018                | HPSC Training and Research Forum – seminar on whole genome sequencing. Evaluation (and teaching reflective note) in progress                                                      | Ongoing   |
| Oct-Nov<br>2018           | Reviewed case study for Epiconcept – 'Analysing flu VE: A mixed case study with a non-computer component and a computerised component using R'                                    | Completed |

# 6) Teaching Activities:

#### 7) Communication:

| Date:                     | Type of communication (including publications and presentations):                                                                                                                                                                                                                                                     | Remarks:  |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 11/09/2018-<br>21/09/2018 | Preparation of slides for oral presentation during Epiet I.C.                                                                                                                                                                                                                                                         | Completed |
| 31/10/2018                | Article written on Influenza for Ireland's Epi-insight – published Nov. 2018. <u>http://www.hpsc.ie/epi-insight/volume192018/</u>                                                                                                                                                                                     | Completed |
| 04/02/2019                | Abstract for oral presentation submitted to international European<br>conference, Europaediatrics2019 (Dublin13-15 June 2019). Abstract title:<br>'Descriptive Epidemiology of Influenza in the Paediatric Population in<br>Ireland, 2009 – 2018'                                                                     | Ongoing   |
| February<br>2019          | Paper published – Rapid Communication Eurosurveillance on 21/02/2019. 'Interim 2018/19 influenza vaccine effectiveness: six European studies, October 2018 to January 2019 Kissling et al and European IVE group. Eurosurveillance <b>24</b> , 1900121 (2019); http://dx.doi.org/10.2807/1560-7917.ES.2019.24.1900121 | Completed |

# 8) Other:

| Date:                  | Type of activity and your involvement:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Remarks:  |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Sep 2018               | Epiet Introductory Course pre-course assignment – overview of<br>surveillance system (HIV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Completed |
| Oct 2018 -<br>Feb 2019 | <u>Meetings attended:</u><br>HPSC weekly meetings: Weekly Scientific meeting & Health Protection<br>teleconferences. Average time: 1 hour per meeting.<br>HPSC monthly meetings: Epidemic Intelligence Audit meeting, Training &<br>Research Forum (Research Projects, Other topics e.g. Irish Health<br>Research Regulations and GDPR etc), Journal club (on Systematic reviews<br>etc). Average time: 1 hour per meeting.<br>Miscellaneous meetings: CPE presentation by National CPE Public Health<br>Lead (24/01/2019-1 hour).<br>Bimonthly Epiet progress meetings with HPSC Director Dr Kevin Kelleher<br>(first meeting was held on 26/02/2019). | Ongoing   |
| Nov 2018               | Reviewed paper for Eurosurveillance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Completed |
| Nov 2018               | Reviewed oral and poster presentations from IMOVE network for presentations at Escaide 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Completed |
| Nov 2018               | Wrote report for the National Immunisation Advisory Committee -<br>'Epidemiology Report on Influenza in the Paediatric Population in Ireland'<br>– analysed all data and wrote report                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Completed |
| Nov 2018               | Report to the National Immunisation Advisory Committee on 'Quadrivalent<br>Influenza Vaccine Review' – co-author on report involved writing sections                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Completed |

|                        | of the report on Influenza vaccine effectiveness in Ireland and epidemiology of influenza in Ireland.                                                                                                                                                        |           |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Dec 2018 –<br>Jan 2019 | Descriptive epidemiological data analysis for HPSC Annual Epidemiological<br>Report on 'Influenza and Other Seasonal Respiratory Viruses, 2017/2018'.<br>Report written and published on HPSC website.<br><u>http://www.hpsc.ie/abouthpsc/annualreports/</u> | Completed |