

Annual Scientific Meeting
13TH & 14TH MARCH 2019

PUBLIC HEALTH ENGLAND, COLINDALE
61 COLINDALE AVENUE | LONDON | NW9 5EQ
DRAFT PROGRAMME

(Posters to arrive at 10.00 am)

DAY 1

- 10.00 am Registration, tea & coffee on arrival (Galbraith Seminar Room)
- 10.30 am **Welcome & Introduction to the NIHR Health Protection Research Unit (HPRU) in Gastrointestinal Infections**
Professor Sarah O'Brien (Wilson Lecture Theatre)

SESSION 1

Chairs: Professors Arjan Narbad and Jeremy Hawker

- 10.40 am **Why are the consequences of having a GI infection worse for people in disadvantaged neighbourhoods? : Environmental Health Officers' perspectives**
Dr Sarah McGarrol, PDRA
- 10.50 am **Discussion**
- 10.55 am **The application of kernel smoothing to estimate the spatio-temporal relative risk of STEC O157 in England**
Mr Richard Elson, PhD Student
- 11.05 am **Discussion**
- 11.10 am **Metagenome-based detection and characterisation of non-typhoidal Salmonella enterica directly from stool**
Ms Saskia Neuert, PhD Student
- 11.20 am **Discussion**
- 11.25 am **A multi-country outbreak of listeriosis related to sweetcorn identified by WGS**
Ms Anais Painset, PDRA
- 11.35 am **Discussion**

- 11.40 am **KEYNOTE SPEAKER:**
'Genomic Surveillance of Salmonella Enteritidis reveals emergence of new epidemic clone circulating in European poultry industry'
Dr Tim Dallman, Lead for Gastrointestinal Bioinformatics, National Infection Service, Public Health England, Colindale

- 12.10 am **Discussion**

- 12.20 pm *Team Photograph*

- 12.30 pm *Lunch*
(Galbraith Seminar Room)

SESSION 2

Chairs: Dr David James Allen and Professor Jim McLauchlin (Wilson Lecture Theatre)

- 1.45 pm **Assessing socioeconomic inequalities in laboratory reports of gastrointestinal infections**
Dr Natalie Adams, Alumni Student
- 1.55 pm **Discussion**
- 2.00 pm **Primary care utilisation and costs amongst patients with sequelae following gastrointestinal infections using the Clinical Practice Research Datalink**
- 2.10 pm Mrs Oluwaseun Esan, PhD Student
Discussion
- 2.15 pm Invited HPRU Member
Single-gene parallel sequencing for detecting Campylobacter diversity in broiler and breeder chicken flocks
Dr Frances Colles, Postdoctoral Researcher, University of Oxford
- 2.25 pm **Discussion**
- 2.30 pm **Gastrointestinal infection surveillance within PHE and the role of community organisations as informal health care systems**
- 2.40 pm Mrs Suzanne Rotheram, PhD Student
Discussion
- 2.45 pm **Incubation period distribution of Shiga-toxin producing Escherichia coli (STEC) and influencing factors**
Ms Adedoyin Awofisayo-Okuyelu, PhD Student
- 2.55 pm **Discussion**
- 3.00 pm **Estimating the burden of norovirus in England and Wales using disability-adjusted life year (DALYs)**
Dr John Harris, Lecturer
- 3.10 pm **Discussion**
- 3.15 pm **Wellcome Trust Public Engagement Grants Scheme: BUG TERROR: OUTBREAK IN A BOX!**
Ms Caoimhe McKerr
- 3.20 pm **Discussion**

SESSION 3: POSTERS & Public Engagement Table Displays

Chairs: Professor Noel McCarthy and Dr Roberto Vivancos

- 3.25 pm **Poster Session**
Tea & Coffee Break (Galbraith Seminar Room)

- 4.30 pm **KEYNOTE SPEAKER:**
'What are the infectious disease threats on the horizon for Europe?'
Professor Mike Catchpole, Chief Scientist, European Centre for Disease prevention and Control (ECDC), Stockholm
- 5.00 pm **Discussion**

- 5.15 pm **CLOSE OF MEETING DAY 1**

- 6.30 pm **Dinner at Hendon Golf Club**

Followed by After Dinner Speaker: James Piercy, Science Communicator:
"The value of Patient and Public Involvement in Health Research".

DAY 2

09.45 am Registration, tea & coffee (Galbraith Seminar Room)

SESSION 4

Chairs: Prof Dame Margaret Whitehead and Professor Miren Iturriza-Gomara

(Wilson Lecture Theatre)

- 10.00 am **Estimating the burden of care home gastroenteritis outbreaks in England, 2014-2016**
Mr Thomas Inns, PhD Student
- 10.10 am *Discussion*
- 10.15 am **Impact of socioeconomic inequalities and neighbourhood characteristics on emergency hospitalisations for infectious intestinal disease in England**
Dr Tanith Rose, Alumni Student
- 10.25 am *Discussion*
- 10.30 am **Public health risks associated with Salmonella contamination of imported edible betel leaves: analysis of results from England, 2011-2017: Part 2.**
Professor Jim McLauchlin, Deputy Director
- 10.40 am *Discussion*
- 10.45 am **Emergency Department Syndromic Surveillance: welcome to the future?**
Ms Helen Hughes, PhD Student
- 10.50 am *Discussion*
- 10.55 am **HPRU studentship from a HPRU student perspective**
Dr Natalie Adams, Alumni Student
- 11.00 am *Discussion*

SESSION 5: CLOSING SESSION

Chair: Professor Paul Hunter

- 11.05 am **KEYNOTE SPEAKER:**
'At the forefront of a new era of food and health research'
Professor Ian Charles, Director of the Quadram Institute Bioscience
- 11.35 am *Discussion*
- 11.45 am **Vote for People's Choice Award for Best Oral Presentation**
- 11.50 am **NIHR HPRU Review of the Year and Forward Look**
Professor Sarah O'Brien, Director, NIHR HPRU in Gastrointestinal Infections
- 12.05 pm **Presentation & Poster Prizes**
- 12.15 pm **Lunch**
- 1.00 pm **CLOSE OF ANNUAL SCIENTIFIC MEETING**

