

Annual Scientific Meeting
7TH & 8TH MARCH 2018

ASSEMBLY HOUSE
THEATRE STREET | NORWICH | NR2 1RQ

PROGRAMME

(Posters to arrive between 10am-1030am, to be on view during registration)

DAY 1

- 10.30am Registration, tea & coffee on arrival (*Grand Hall*)
- 11.15 am **Welcome & Introduction to the NIHR Health Protection Research Unit (HPRU) in Gastrointestinal Infections**
Professor Jim McLauchlin, PHE Lead, NIHR HPRU in Gastrointestinal Infections (*Music Room*)
- 11.25 am **KEYNOTE SPEAKER:**
'Understanding the microbiome of fermented foods in Africa to enhance food safety'
Professor Arjan Narbad, Research Group Leader, Quadram Institute Bioscience
- 11.55 am *Discussion*

SESSION 1: SOCIAL DIVISION AND GASTROINTESTINAL INFECTIONS

Chairs: Prof Dame Margaret Whitehead & Prof Sarah O'Brien

- 12.05pm **Socioeconomic inequalities in risk of and exposure to gastrointestinal infections**
Natalie Adams, PhD Student
- 12.20pm **How do people and places shape gastrointestinal infections in socio-economically and geographically contrasting areas?**
Suzanne Rotheram, PhD Student
- 12.35 pm *Session Q&A*
- 12.50 pm *Team Photograph*
- 1.00 pm *Lunch (Grand Hall)*

SESSION 2: THE GUT MICROBIOME AND WHOLE GENOME SEQUENCING

Chairs: Profs Martin Maiden & Jim McLauchlin (*Music Room*)

- 2.15 pm **The importance of method standardization for microbiota studies**
Anna Pulawska-Czub, PhD Student
- 2.25 pm **Using an in vitro colon model to investigate microbiota-pathogen interactions**
Dr Lee Kellingray, PDRA
- 2.35 pm **Prevalence and persistence of antimicrobial resistance genes in returning travelers**
Saskia Neuert, PhD Student
- 2.45 pm **An examination of Australian *Salmonella enterica* serovar Enteritidis in a global context**
Madison Pearce, PhD Student
- 2.55 pm **Genomic analysis of routine *Campylobacter* sequencing at Public Health England from 2015-2017**
Clare Barker, PhD Student
- 3.05 pm **Norovirus strain types found within the second Infectious Intestinal Diseases (IID2) study: An analysis of norovirus circulating in the community**
Dr John Harris, Lecturer & Prof Miren Iturriza-Gómara, Professor in Virology
- 3.15 pm **Session Q&A**
- 3.30 pm *Tea & Coffee Break (*Grand Hall*)*

SESSION 3: POSTERS

Chairs: Profs Miren Iturriza-Gómara and Jeremy Hawker

- 4.00 pm **Poster Session (*Grand Hall*)**
- 5.00 pm **KEYNOTE SPEAKER:**
'The gut-brain axis in dementia'
Professor Michael Hornberger, Director of Ageing Research, Norfolk & Suffolk Mental Health Trust
- 5.30 pm ***Discussion***
- 5.40 pm **CLOSE OF MEETING DAY 1**
- 7.00 pm **Dinner at NORWICH CATHEDRAL, 16 The Close, Norwich NR13**
- Followed by After Dinner Speaker:**
Dangerous People: Professor Paul Hunter, University of East Anglia



DAY 2

9.00 am Registration, tea & coffee (*Grand Hall*)

SESSION 4: EPIDEMIOLOGY AND BURDEN OF GASTROINTESTINAL INFECTIONS

Chairs: Dr Roberto Vivancos & Dr Noel McCarthy (*Music Room*)

9.15 am Investigating the burden and transmission of acute gastroenteritis in care homes on Merseyside
Thomas Inns, PhD Student

9.25 am Understanding the incubation period distribution of *Salmonella* Typhi
Adedoyin Awofisayo-Okuyelu, PhD Student

9.35 am The epiCrypt study: Investigating household transmission of *Cryptosporidium*
Caoimhe McKerr, PhD Student

9.45 am Transmission pathways of Shiga toxin-producing *Escherichia coli* resulting in Haemolytic uraemic syndrome: systematic and methodological reviews
Rebecca Inman, PhD Student

9.55 am The economics of gastrointestinal disease: ways forward?
Dr Mara Violato, Research Fellow

10.05 am The impact of rotavirus vaccination program in England on emergency department attendances: final study
Helen Hughes, PhD Student

10.15 am *Session Q&A*

10.30 am *Tea & Coffee Break* (*Grand Hall*)

SESSION 5: CLOSING SESSION

Chair: Dr David James Allen (*Music Room*)

11.00 am **KEYNOTE SPEAKER:**
'Salmonella and imported fresh edible leaves'
Professor Jim McLauchlin, Deputy Director, NIHR HPRU in Gastrointestinal Infections

11.30 am *Discussion*

11.40 am Vote for People's Choice Award for Best Oral Presentation

11.45 am **NIHR HPRU Review of the Year and Forward Look**
Professor Sarah O'Brien, Director, NIHR HPRU in Gastrointestinal Infections

12.00 pm Presentation & Poster Prizes

12.15 pm CLOSE OF ANNUAL SCIENTIFIC MEETING

