

Annual Scientific Meeting
7TH & 8TH MARCH 2018

ASSEMBLY HOUSE
THEATRE STREET | NORWICH | NR2 1RQ

DRAFT PROGRAMME

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

DAY 1

10.30am Registration & coffee on arrival

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

11.25 am **KEYNOTE SPEAKER:**
Professor Arjan Narbad, Research Group Leader, Quadram Institute Bioscience:
'Understanding the microbiome of fermented foods in Africa to enhance food safety'

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

12.15 pm **Exploring the experiences, management and consequences of GI infections in socio-economically contrasting places : Environmental Health Officer's 'on the ground' perspectives**
Dr Sarah McGarrol, PDRA

12.25pm **How do people and places shape gastrointestinal infections in socio-economically and geographically contrasting areas?**
Suzanne Rotheram, PhD Student

12.35 pm **'It's horrendous': mothers' narratives challenge our perception of childhood GI as 'just one of those things'**
Dr Friederike Ziegler, PDRA

12.45 pm **Session Q&A**

12.55 pm *Team Photograph*

1.10 pm *Finger Buffet Lunch*

SESSION 2: THE GUT MICROBIOME AND WHOLE GENOME SEQUENCING

Chairs: Profs Martin Maiden & Jim McLauchlin

- 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* *Coffee Break*

SESSION 3: POSTERS

Chairs: Prof Miren Iturriza-Gómara and Dr David James Allen

4.00 pm **Poster walk session**

5.00 pm **KEYNOTE SPEAKER:**
Professor Michael Hornberger, Director of Ageing Research, Norfolk & Suffolk Mental Health Trust:
'The gut-brain axis in dementia'

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 & coffee

SESSION 4: EPIDEMIOLOGY AND BURDEN OF GASTROINTESTINAL INFECTIONS

Chairs: Dr Roberto Vivancos & Dr Noel McCarthy

- 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 **Coffee Break**

SESSION 5: CLOSING SESSION

Chair: Prof Jeremy Hawker

- 11.00 am **KEYNOTE SPEAKER:**
Professor Ian Charles, Director of the Quadram Institute Bioscience:
'At the forefront of a new era of food and health research'
- 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**