

SAVE THE DATE

ONE HEALTH SYMPOSIUM FOCUS ON GENOMICS OF PATHOGENIC *ESCHERICHIA COLI*

1 AND 2 DECEMBER 2016 / JAARBEURS,
SUPERNOVA / UTRECHT, THE NETHERLANDS

WWW.JAARBEURS.NL/EN/49/SUPERNOVA

PROGRAM

DAY 1

INTRODUCTION TO PATHOGENIC *E. COLI*

8:00 – 9:00 REGISTRATION AND WELCOME

9:00 – 9:45 **KEYNOTE SPEAKER 1 ERIC DENAMUR**
(University of Paris, France):
An evolutionary perspective of the
Escherichia coli species diversity

HORIZONTAL TRANSFER OF GENES

9:45 – 10:15 MAITE MUNIESA (University of Barcelona,
Spain): Role phages in population biology
E. coli / STEC

10:15 – 11:00 COFFEE BREAK

11:00 – 11:30 ROSANGELA TOZZOLI (Istituto Superiore
di Sanita, Italy): Pathogenic *E. coli* with
virulence characteristics from multiple
pathotypes: current challenges in the
prevention and management of infections

11:30 – 12:00 ENGELINE VAN DUIJKEREN (National
Institute for Public Health and the
Environment, Bilthoven, the Netherlands):
Antimicrobial resistant *E. coli* in humans
and animals

12:00 – 13:00 LUNCH BREAK

13:00 – 13:20 MITHILA FERDOUS (University Medical
Center Groningen, the Netherlands):
'Molecular Characterization and Phylogeny
of Shiga Toxin-Producing *Escherichia coli*
(STEC) from Humans in the Netherlands

13:20 – 13:40 MAAIKE VAN DEN BELD (National Institute
for Public Health and the Environment, the
Netherlands): Genomics for differentiation
between Shigella and enteroinvasive *E. coli*

13:40 – 14:00 RICHARD DE BOER (Certe, the Netherlands):
Diarrheagenic *E. coli* in the GP population:
an underestimated and under-diagnosed
pathogen?

14:00 – 15:30 LATE BREAKING AND ORAL PRESENTATIONS

15:30 – 16:15 TEA BREAK

16:15 – 17:00 **KEYNOTE SPEAKER DAVID RASKO**
(University of Maryland School of Medicine,
United States): The pan-genome of *E. coli*

17:00 – 19:00 DRINKS AND BITES

DAY 2

APPLICATIONS OF GENOMICS

9:00 – 9:45 **KEYNOTE SPEAKER NICOLA SEGATA**
(University of Trento, Italy): Strain-level
metagenomics for pathogen detection
and profiling

FROM SCIENCE TO PRACTICE AND FROM PRACTICE TO SCIENCE

9:45 – 10:15 IVO VAN WALLE (European Centre for
Disease Control, Sweden): European
surveillance and outbreak investigation

10:15 – 11:00 COFFEE BREAK

11:00 – 11:30 CHRISTOPHER ELKINS (U.S. Food and Drug
Administration, USA): A pan-genomic
toolbox for *E. coli* identification

11:30 – 12:00 SABINE DELLANOY (Agence Nationale
ANSES, Paris, France): Typing methods to
differentiate high/low risk strains

12:00 – 12:30 STEFANO MORABITO (Istituto Superiore di
Sanita, Italy): The role of genomics in the
One Health approach to tackle pathogenic/
AMR *E. coli*.

12:30 – 13:30 LUNCH BREAK

WORKSHOP – TOOLS FOR GENOMICS

Including live demo of tools and analysis

13:30 – 14:30 TIM DALLMAN (Public Health England,
United Kingdom): SNP-typing

14:30 – 15:30 DAG HARMSSEN (University of Münster,
Germany): Genome MLST

15:30 – 16:00 TEA BREAK

16:00 – 17:30 ROUND TABLE DISCUSSION
SNPs against gene-by-gene

ORGANIZING COMMITTEE

Alexander W. Friedrich, UMCG, RUG, the Netherlands

Eelco Franz, RIVM, WUR, the Netherlands

John Rossen, UMCG, RUG, the Netherlands

Mariska Petrignani, RIVM, GGD, the Netherlands

Menno van der Voort, NVWA, the Netherlands

Mirjam Kooistra-Smid, Certe, UMCG, RUG, the Netherlands

Nicole van de Kar, RadboudUMC, the Netherlands

REGISTRATION FEE: € 250

Registration at: www.formdesk.com/rivm/pecdec16

EXTERNAL SCIENTIFIC COMMITTEE

Stefano Morabito (Istituto Superiore di Sanita, Italy)

Eric Denamur (University of Paris, France)

David Rasko (University of Maryland, U.S.)

Nicola Segata (University of Trento, Italy)

DEADLINE FOR ABSTRACT SUBMISSION:

October 15, 2016

INFO AND ABSTRACT SUBMISSION:

gpecmeeting@gmail.com

Abstract may contain a maximum of 300 words.