Program of the 4th Microbes in Health & Disease Science day UMCG, Tuesday 14 November 2017 Rode Zaal UMCG

08.30 – 09.00  REGISTRATION AND COFFEE/TEA IN THE BLAUWE PATIO

09.10 – 09.25  Welcome and introduction Prof.dr.Alex Friedrich, Head of dept. Medical Microbiology and Infection prevention in the Rode Zaal

Session 1  Chair: Dr. Natacha Monge Gomes do Couto, post-doc Medical Microbiology, Genomics for Infection Prevention

09.30 – 09.45  Gabriela Tapia Calle, Medical Microbiology, Vaccinology
A cell-based system to assess responses to vaccines in vitro

09.50 – 10.05  Anne Gomes, Medical Microbiology, Genomics for Infection Prevention
Sonication of heart valves detects more bacteria in infective endocarditis

10.10 – 10.25  Erley Lizarazo, Medical Microbiology, Genomics for Infection Prevention
Shotgun metagenomics as a tool for the rapid diagnosis and genotyping of dengue

10.30 – 10.45  Laura Palma Medina, Medical Microbiology, Molecular Bacteriology
The inside job: adaptations of Staphylococcus aureus during lung infection

10.45 – 11.15  BREAK IN BLAUWE PATIO

Session 2  Chair: Randy Poelman, PhD student Medical Microbiology, Clinical Virology

11.20 – 11.35  Randy Poelman, Medical Microbiology, Clinical Virology
Diagnostic stewardship: from patient perspective to European surveillance of enterovirus D68

11.40 – 11.55  Anet Veringa, Clinical Pharmacy and Pharmacology
The additional value of repeated voriconazole trough concentration determination during antifungal treatment

12.00 – 12.40  KEYNOTE LECTURE: Prof.dr. Lude Franke ‘Future of Genetics’

12.45 – 13.30  LUNCH IN BLAUWE PATIO
**Session 3**  
*Chair: Dr. Mathieu Bolhuis, PI Clinical Pharmacy and Pharmacology*

13.35 – 13.50  
Arianna Pranger, Clinical Pharmacy and Pharmacology  
*Reduced moxifloxacin exposure in male tuberculosis patients and the need for monitoring in early stages of treatment*

13.55 – 14.10  
Arezoo Shajiei, Intensive Care Unit  
*Exploring the use of procalcitonin as a marker of infection resolution in critically ill patients*

14.15 – 14.30  
Maaike van den Beld, Medical Microbiology, Genomics for Infection Prevention  
*Incidence, infection risks and outcomes of infections with entero-invasive bacteria Shigella and Escherichia coli: results from a cross-sectional study*

14.30 – 15.00  
**BREAK IN BLAUWE PATIO**

**Session 4**  
*Chair: Dr Silvia Garcia Cobos, post-doc Medical Microbiology, Genomics for Infection Prevention*

15.05 – 15.20  
Yingying Cong, Cell Biology  
*Unveiling the coronavirus life cycle*

15.25 – 15.40  
Ana Carolina Cruz Campos, Medical Microbiology, Genomics for Infection Prevention  
*Urinary Tract Infections (UTI) caused by Escherichia coli in Hospitals of Rio de Janeiro, Brazil*

15.45 – 16.00  
John Arboleda Alzate, Medical Microbiology, Experimental Virology  
*Cell death during dengue virus infection: a blessing or a curse?*

16.00 – 16.10  
**CLOSING**

16.15 – 17.00  
**DRINKS AND AWARD FOR BEST SPEAKER IN BLAUWE PATIO**