

Scientific Spring Meeting KNVM & NVMM

Posters

Number	Title	Author
P001	Seroprevalence of human <i>Ascaris</i> , <i>Toxocara</i> , and <i>Toxoplasma</i> in the Netherlands: results from the PIENTER-3 study	Rens Zonneveld
P002	Microbiological insights into the haloalkaline biodesulfurization process	Suyash Gupta
P003	Culturing novel nitrifiers through cell sorting	Pieter Blom
P004	Effect of acetic acid on growth, physiology and gene expression of <i>Desulfobacillus acidiphilus</i>	Reinier Egas
P005	Differences in the methanol metabolism of the sulfate reducers <i>Desulfofundulus kuznetsovii</i> strains 17T and TPOSR	Lukas Friedeheim
P006	High methane production potential via various methanogenic pathways in the sediments of marine Lake Grevelingen after summer hypoxia	AnnaWallenius
P007	Diversity of key genes for the conversion of methanol in diverse anoxic marine sediments	Peter Fischer
P008	Ruler of the seven seas – meta-analyses reveal the dominance of Nitrospinae in marine nitrite oxidation	Linnea Kop
P009	Removal of methane and ammonium during drinking water production using rapid sand filtration	Alje Boersma
P010	Microbial methane oxidation in the water column of Lake Grevelingen	Jessica Venetz
P011	Improved diagnosis of viral encephalitis in adult and pediatric hematological patients using viral metagenomics	Ellen Carbo
P012	Lateral flow test for the rapid detection of <i>Aspergillus fumigatus</i>	Ben Ridwan
P013	Metagenomic analysis shows distinct <i>Neisseria gonorrhoeae</i> strains at separate anatomical sites occur more commonly than mixed strain infections: implications for surveillance	Brian van der Veer
P014	The effect of viral load and vaccination on the establishment of genital and anal human papillomavirus concordance in young women.	Kahren van Eer
P015	First identification of the multi-resistance gene <i>cfr</i> in livestock-associated methicillin resistant <i>Staphylococcus aureus</i> (LA-MRSA) in humans and in pig housing in the Netherlands	Leo Schouls
P016	Coronavirus discovery by metagenomic sequencing: a tool for pandemic preparedness	Ellen Carbo
P018	Swine flu in a hospitalised immunocompromised individual in the Netherlands during the COVID-19 pandemic without evidence of direct contact with pigs	Jozef Dingemans
P019	<i>bla</i> OXA-48-like genome architecture among carbapenemase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in the Netherlands	Antoni Hendrickx
P020	Frequent detection of <i>Treponema pallidum</i> subspecies <i>pallidum</i> in different body locations and intra-patient homogeneity in patients with early syphilis	Helene Zondag
P021	Time-resolved analysis of <i>Staphylococcus aureus</i> invading the endothelial barrier	Elisa JM Raineri
P022	The times they are a-changin': successful validation of an automated pipeline using WGS data to determine <i>Salmonella</i> serovars	Kim van der Zwaluw
P023	Emergence of a cephalosporin reduced susceptible <i>Neisseria gonorrhoeae</i> clone between 2014-2019 in Amsterdam	Jolinda de Korne-Elenbaas
P024	Clinical evaluation of the Roche/SD Biosensor antigen rapid test with symptomatic and asymptomatic, non-hospitalized patients and its use for community testing.	Zofia Igloi
P025	Prevalence of SARS-CoV-2 RNA in conjunctival swabs of symptomatic COVID-19 patients	Judith Veugen
P026	Regulation of intestinal barrier functions by the transmembrane mucin MUC13	Celia Segui Perez
P027	Growth conditions of <i>Streptococcus pneumoniae</i> affect its interaction with human primary respiratory epithelial cells.	Esther van Woudenberg
P028	Interactions of bacterial pathogens with differentially glycosylated MUC1, relevance for Inflammatory Bowel Disease (IBD)	Koen Giesbers
P029	microViz: enhanced microbiome data analysis and visualization with R.	David Barnett
P030	Transmission after kidney transplantation of human polyomaviruses other than BK; an exploratory serological cohort study	Sergio Kamminga
P031	Importance of combined epidemiological and laboratory surveillance for <i>Listeria monocytogenes</i> and Shiga toxin-producing <i>Escherichia coli</i> (STEC) in a one health setting	Maaik van den Beld
P032	Heterologous expression of <i>ethA</i> and <i>katG</i> in <i>Mycobacterium marinum</i> enables the rapid identification of new prodrugs active against <i>Mycobacterium tuberculosis</i>	Vien Ho
P033	<i>CpnT</i> toxin of <i>Mycobacterium tuberculosis</i> identified as a new ESX-5 substrate	Beatriz Izquierdo Lafuente
P034	An efficient molecular approach to distinguish chains of measles virus transmission in the elimination phase	Rogier Bodewes
P035	Complex microbial communities in long-term nitrifying bioreactors	Garrett Smith
P036	Predicting the structure and dynamics of membrane protein GerAB from <i>Bacillus subtilis</i>	Sophie Blinker
P037	Generation, separation, and eradication of <i>Bacillus subtilis</i> persister cells	Shiqi Liu
P038	Despite excellent test characteristics of the cobas®4800 CT/NG assay, detection of oropharyngeal <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> remains challenging	Julius van Niekerk
P040	Antibody-mediated natural killer cell activation and Fc-glycosylation in infants with severe respiratory syncytial virus infection	Puck van Kasteren
P041	Transition from open bay to single room design NICU has no effect on MDRO colonization rates	Alieke van der Hoeven
P042	Unravelling conserved generic <i>Aspergillus</i> spp germination pathways using cross-platform and cross-species transcriptomics	Tim Baltussen
P043	Effect of faecal microbiota transplantation on procarcinogenic pks+ <i>Escherichia coli</i> in metagenomes of patients with multiple recurrent <i>Clostridioides difficile</i> infections	Sam Nooij
P044	Lifestyle, Acid Suppression, and Carriage of Multidrug-Resistant Enterobacterales: A Population-Based Study in Dutch Adults	Roel Willems
P045	Higher in vitro mucin degradation, but no increased paracellular permeability by faecal water from Crohn's disease patients	Heike Becker
P046	Binding and internalization of RSV particles by platelets results in release of growth factors and chemokines	Anke Lakerveld
P048	Prevalence of hepatitis delta virus among chronic hepatitis B carriers in a large tertiary center in the Netherlands	Boris Beudeker
P049	The effects of a virtual, real-time, antibiotic-team on antibiotic prescribing behaviour of elderly care physicians in eight Dutch nursing homes.	Katja van Ewijk
P051	Metagenomic profiles of Fecal microbiota derived vesicles in Crohn's disease patients reveal a potential role in pathogenesis	Nader Kameli

P052	Bacterial agents in vulvovaginitis and vaginal discharge: a 10-year retrospective study in The Netherlands	Marjan Bruins
P053	Selecting and using a minimal, defined microbiome to unravel functional role of gut microorganisms.	Pim van Leeuwen
P054	Elevated mucosal antibody responses against SARS-CoV-2 are correlated with lower viral load and faster decrease in systemic COVID-19 symptoms	Janeri Fröberg
P055	Local delivery of the antimicrobial peptide SAAP-148 from a 3D-printed degradable PLGA coating to prevent orthopaedic infections	Clara Guarch Pérez
P056	Implications of new EUCAST clinical breakpoints on clinical <i>Aspergillus fumigatus</i> isolates from the Netherlands	Jochem Buil
P057	Do We Need to Change Catheter-Related Bloodstream Infection Surveillance in the Netherlands? - A Qualitative Study Among Infection Prevention Professionals	Janneke Verberk
P058	An unusual outbreak of community-onset impetigo by Methicillin-resistant <i>Staphylococcus aureus</i> resistant to fusidic acid with increased virulence	Karuna Vendrik
P059	The power and pitfalls of clustering: conserved developmental trajectories of the cecal microbiota in broiler chickens	Jannigje Kers
P060	SARS-CoV-2 antigen testing in health care workers: a useful tool to prevent transmission in health care facilities	Marjolein Knoester
P061	A genetic cluster of multidrug-resistant <i>Enterobacter cloacae</i> complex ST78 harboring a plasmid containing blaVIM-1 and mcr-9 in the Netherlands	Antoni Hendrickx
P062	Changes in demographics and AMR in the Dutch national antimicrobial resistance surveillance system (ISIS-AR) during the first wave of COVID-19	Wieke Altorf
P063	Systematic screening for COVID-19 associated invasive aspergillosis in ICU patients; results and challenges	Rebecca van Grootveld
P064	Preclinical models of depression and the microbiome	Tineke Banda
P065	Preferred immunogenic regions in surface-associated antigens of <i>Staphylococcus aureus</i> strains implicated in bovine mastitis	Elias Vera
P067	COVID-19-associated pulmonary aspergillosis (CAPA): A multicentre, observational cohort study	Nico Janssen
P068	Intestinal microbiota composition and diversity are not associated with treatment response in metastatic colorectal cancer patients treated with capecitabine chemotherapy	Janine Ziemons
P069	The epidemiology of colistin-resistant Enterobacterales in humans in the Netherlands: a prospective matched case-control study	Karuna Vendrik
P070	A Multicenter Comparison of the Performance of Nine Commercial <i>Borrelia</i> Serology Screening Assays	B.J.A. Hoeve-Bakker
P071	Empirical treatment of periprosthetic joint infection after revision arthroplasty: worrisome rate of bug-drug mismatches	Karin Veerman
P072	Frequent detection of <i>Shigella</i> in MSM also in the absence of clinical symptoms	Alje van Dam
P073	Detection of intrathecal antibody synthesis to diagnose enterovirus infections of the central nervous system	Syriam Sooksawasdi Na Ayudhya
P074	Outbreak of <i>Arcanobacterium haemolyticum</i> in chronic wounds: lessons regarding care transition.	Marjan Bruins
P075	<i>Aspergillus fumigatus</i> outbreak possibly caused by construction work on the corridor of an intensive care unit: analysis using whole genome sequencing	Amber Hendriks
P076	SARS-CoV-2 serologic prevalence among health care workers in a hospital setting	Marja Konstantinovski
P077	Evaluation of rapid SARS-CoV-2 antigen testing of symptomatic health care workers.	Marjan Bruins
P078	Evaluation of SARS-CoV-2 antigen assay based testing strategy of HCW in a hospital setting	Marja Konstantinovski
P079	Evidence of cat-to-human transmission of <i>Staphylococcus felis</i>	Birgitta Duim
P080	False amoxicillin/clavulanic acid susceptibility in <i>Bacteroides fragilis</i> using gradient strip tests	Rob Rentenaar
P082	In Search of Novel Antimicrobials from Fungal Resources	Xudong Ouyang
P083	Does <i>Trichomonas</i> hurt? A five-year comprehensive full-region study	Matthijs Berends
P084	More symptomatic infections and higher bacterial load in <i>Neisseria gonorrhoeae</i> and <i>Chlamydia trachomatis</i> co-infections compared to <i>Neisseria gonorrhoeae</i> single infections.	Helke van Dessel
P085	Optimizing duration of outage of healthcare personnel using PCR cycle threshold value of SARS-COV-2 during COVID-19 epidemic in a university hospital in the Netherlands	Leonie Bank
P086	No increased risk for non-Hodgkin lymphoma after Q fever: results from a 16 year retrospective population-based analysis incorporating the 2007-2010 Dutch Q fever outbreak	Jesper Weehuizen
P087	Evaluation of 18 commercial serological assays for the detection of antibodies against SARS-CoV-2 in paired serum samples.	Daniëlle Hanssen
P088	Antibodies against SARS-CoV-2 in healthcare workers and clinical symptoms as putative antibody production prediction.	Daniëlle Hanssen
P089	Long lasting immune response in hospitalized patients with COVID-19, a 6-month follow-up study	Michiel Slaats
P090	Antibiotic prophylaxis in transrectal prostate biopsy: resistance data based on rectal screening	Sofie Tops
P091	Surveillance of azole resistance in <i>Aspergillus fumigatus</i> in the Netherlands renewed	Rebecca van Grootveld
P092	Follow-up of carriage of multidrug resistant micro-organisms (MDRMO) by taking periodic swabs.	Marguerite Bruijning
P094	Signal-based, tailored, and (re-)interpretable protein sub-cellular localization predictions in Gram-positive bacteria through a novel meta-predictor	Stefano Grasso
P095	The zebrafish embryo as a novel infection model for <i>Neisseria meningitidis</i>	Kim Schipper
P096	Predicting neonatal early onset sepsis: a 14-year cohort study	Alieke van der Hoeven
P097	Posaconazole for prevention of invasive pulmonary aspergillosis in patients with severe influenza admitted to the intensive care unit: A randomised, open-label, phase IV, proof-of-concept trial	Nico Janssen
P098	Dissemination of a mosaic transposon carrying fourteen different antimicrobial resistance genes driven by a polyclonal outbreak in two hospitals.	Casper Jamin
P099	Antibody index as a tool for the diagnosis of neurological complications of COVID-19	Marc Shamier
P100	Studying transmission mechanisms of ammonia-oxidising bacteria in gnotobiotic zebrafish	Selien op den Kamp
P101	Empowering targeted antimicrobial photodynamic therapy of <i>Staphylococcus aureus</i> infections with potassium iodide in vitro	Sabrina Suhani
P102	Localization of membrane proteins in the anaerobic ammonia-oxidizing bacterium <i>Kuenenia stuttgartiensis</i>	Jordi Willemsen
P103	Analysis of the microbiome in an aquaponics system using 16S MinION sequencing	Maurice Theunisz