

Scientific programme

MONDAY 31 MARCH 2008

Room Sydney

- 12:00 Registration and lunch
- 13:00 - 15:00 National Examination for medical microbiologists in training
- 15:00 - 15:30 *Coffee/tea*
- 15:30 - 16:15 *N. Hartwig*
Klinische lessen uit de kinderinfectziekten
- 16:15 - 17:00 *A. Voss*
MRSA: is het gevaar zo groot als het lijkt?
- 17:00 - 18:30 *Drinks*
- 18:30 - 20:30 *Dinner*

TUESDAY 1 APRIL 2008

Room Athene Plenary session 'Systems biology'

Chairmen: C.M.J.E. Vandenbroucke-Grauls & H.A.B. Wösten

- 09.30 - 10:15 *B.M. Bakker (Amsterdam)*
Vertical genomics in microorganisms, models for systems biology
- 10:15 - 11:00 *R. Kolter (Boston, USA)*
Functional anatomy of a biofilm
- 11:00 - 11:30 *Coffee/tea*
- 11:30 - 12:15 *L. Pelkmans (Zürich, Switzerland)*
Mapping and integrating virus entry and endocytic pathways in human cells
- 12:15 - 13:00 *W.R. Hess (Freiburg, Germany)*
The bacterial pan genome and the world of non-coding RNA. A case study in Cyanobacteria
- 13:00 - 14:00 *Lunch*

Room Athene Parallel session 'Outsourcing 1 (Nederlandstalige sessie)'

Chairman: G.J.H.M. Ruijs

- 14:00 - 14:25 *G.J.H.M. Ruijs*
Outsourcing of outsourcing?

- 14:25 - 14:45 *R.W. Jansen*
Outsourcing van een klinisch chemisch en hematologisch ziekenhuislaboratorium;
Ervaring uit de praktijk
- 14:45 - 15:05 *Spreker namens Inspectie voor Volksgezondheid*
- 15:05 - 15:30 *Discussie o.l.v. M. Buiting*
- 15:30 - 16:00 *Coffee/tea*

Room Sydney **Parallel session 'WOGIZ'**

Chairman: J.W. Dorigo-Zetsma

- 14:00 - 14:15 *A.J. Jacobi*
Oefening baart kunst
- 14:15 - 14:30 *A. Timen*
Outbreakmanagement: wetenschap, praktijk of beiden?
- 14:30 - 15:00 *G.R. Westerhof*
Inspectieonderzoek naar de kwaliteit van het medisch-microbiologisch handelen in
Nederland
- 15:00 - 15:30 *M.R. Klein*
Het nieuwe BSL4 lab van het RIVM, alleen voor het allerengste!
- 15:30 - 16:00 *Coffee/tea*

Room 2 **Parallel session 'Pertussis outbreak in Rotterdam, fact or fiction'**

Chairman: P. Petit

- 14:00 - 14:15 *H. Götz*
De Rotterdamse epidemie
- 14:15 - 14:30 *J. Schellekens*
Diagnostiek van kinkhoest: state of the art
- 14:30 - 14:45 *G. Berbers*
Invloed vaccinatie op diagnostiek
- 14:45 - 15:00 *D. Notermans*
Betekenis van IgA bij kinkhoest
- 15:00 - 15:15 *S. de Greeff*
Epidemiologie van kinkhoest
- 15:15 - 15:30 *P. Schneeberger*
Consensus discussie wanneer is het kinkhoest?

15:30 - 16:00 *Coffee/tea*

Room 3 **Parallel session 'Are The Netherlands ready for *Chlamydia trachomatis* screening?'**

Chairman: R.P. Verkooijen

14:00 - 14:30 *I. Rours*
Consequences of *Chlamydia trachomatis* infection during pregnancy for the newborn

14:30 - 15:00 *M. Postma*
Cost-effectiveness of widespread screening for *Chlamydia trachomatis* in The Netherlands; an update

15:00 - 15:30 *E.L.M. Op de Coul*
CSI-Netherlands: a large scale internet-based Chlamydia Screening Implementation Program

15:30 - 16:00 *Coffee/tea*

Room 4/5 **Parallel session 'A genomics approach to identify bacterial virulence factors'**

Chairmen: A. Camilli (Boston, USA) & P.W.M. Hermans

14:00 - 14:30 *A. Camilli (Boston, USA)*
Vibrio cholerae

14:30 - 14:45 *H. Bootsma*
Identification of genes essential for *in vivo* survival of *Streptococcus pneumoniae* by Genomic Array Footprinting

14:45 - 15:00 *S. Rooijackers*
Genomic clustering of *S. aureus* complement modulators

15:00 - 15:15 *E.J.M. Stoop*
Forward genetic screen to identify mycobacterial genes involved in granuloma formation

15:15 - 15:30 *M. Llamas*
Cell-surface signaling in *Pseudomonas aeruginosa*

15:30 - 16:00 *Coffee/tea*

Room 6/7 **Parallel session 'Microbial biofilms'**

Chairman: T. Abee

14:00 - 14:15 *T. Abee*
Introduction

14.15 - 14:30 *B.P. Krom*
Biofilm formation of clinical isolates of *Enterococcus faecalis*: the role of culture heterogeneity

14:30 - 14:45 *K. Hellingwerf*
Molecular systems biology of single-species biofilm formation

14:45 - 15:00 *W. Crielaard*
Mixed species oral biofilms

15:00 - 15:30 *M. Gohar (Guyancourt, France)*
Bacillus cereus biofilm formation

15:30 - 16:00 *Coffee/tea*

Room 8/9 **Parallel session 'Medical mycology 1'**

Chairman: J. Meis

14:00 - 14:15 *G. Walther*
Launch of a curated ITS DNA barcode database as a new tool for the rapid diagnostics of dermatophytes

14:15 - 14:30 *H. Ma (Birmingham, United Kingdom)*
Macrophage 'hijacking' by the human pathogen *Cryptococcus*

14:30 - 14:45 *C.H.W. Klaassen*
Molecular typing of pathogenic fungi: and then what?

14:45 - 15:00 *L.M.E. Vanhee (Ghent, Belgium)*
Rapid detection and quantification of *Aspergillus fumigatus* in air using solid-phase cytometry

15:00 - 15:15 *M. Sudhadham*
Genotypes with different virulence in *Exophiala dermatitidis*

15:15 - 15:30 *G.J. Wisselink*
Comparison of PCR-Reverse Line Blot and real-time PCR for the detection of dermatophytes in clinical samples

15:30 - 16:00 *Coffee/tea*

Room Athene **Parallel session 'Outsourcing 2 (Nederlandstalige sessie)'**

Chairman: G.J.H.M. Ruijs

16:00 - 16:20 *W.M. Verweij*
Professioneel outsourcen

16:20 - 16:40 *R. Steenbergen*

16:40 - 17:10 *A.C. Rodloff (Leipzig, Germany)*

17:10 - 17:30 *Discussie o.l.v. M. Buiting*

Room Sydney **Parallel session ‘Cross-border dissemination of MRSA’**

Chairmen: E.E. Stobberingh & F.H. van Tiel

- 16:00 - 16:15 *R.H. Deurenberg*
Cross-border dissemination of MRSA in the Euregion Meuse-Rhine
- 16:15 - 16:30 *A.W. Friedrich (Münster, Germany)*
Differences in the molecular epidemiology of MRSA in the Euregion Twente/Münsterland
- 16:30 - 17:00 *M.J. Struelens (Brussels, Belgium)*
Cross-border dissemination of MRSA - the European perspective
- 17:00 - 17:15 *E. van Duijkeren*
Transmission of methicillin-resistant *Staphylococcus intermedius* between animals and humans
- 17:15 - 17:30 *L.M. Schouls*
Comparative typing of MRSA using Multiple-locus variable number tandem repeat analysis (MLVA), pulsed field gel electrophoresis (PFGE) and spa-sequence typing

Room 2 **Parallel session ‘The emergence of Clostridium difficile infections in humans and animals’**

Chairman: E.J. Kuijper

- 16:00 - 16:15 *D. Notermans*
The epidemiology of *Clostridium difficile* PCR-ribotype 027 in The Netherlands since 2005
- 16:15 - 16:30 *A. Goorhuis*
Surveillance of *Clostridium difficile* associated disease in The Netherlands
- 16:30 - 16:45 *J. Corver*
Regulation of toxin genes in *Clostridium difficile*
- 16:45 - 17:00 *L.A.M.G. van Leengoed*
Clostridium difficile in animals: from stock to meat
- 17:00 - 17:15 *R.F. de Boer*
Development and validation of a Real-Time PCR assay for detection of toxigenic *Clostridium difficile*, as part of a Dutch study on the epidemiology of gastro-enteritis
- 17:15 - 17:30 *D. Bakker*
Characterization of *Clostridium difficile* ribotype 078 from human and animal origin

Room 3 **Parallel session ‘Human papillomavirus and cervical cancer: vaccination and future strategies for population-based screening’**

Chairman: W. Melchers

- 16:00 - 16:30 *P.J.F. Snijders*
Implications of HPV testing in cervical screening

- 16:30 - 17:00 *W. Quint*
Vaccination against HPV to prevent cervical cancer
- 17:00 - 17:30 *Tj. Tijmstra*
Grenzen aan medische testen. Over ziekterisico's en gezondheidskansen

Room 4/5 **Parallel session 'General pathogenesis 1'**

Chairman: B. Zaat

- 16:00 - 16:15 *B.W. Bardoel*
Evasion of Toll like receptor 5 recognition by alkaline protease of *P.aeruginosa*
- 16:15 - 16:30 *J.J.E. Bijlsma*
Streptococcus pneumoniae has a specific response to transcytosis: identification of an essential role for Mg²⁺ transport during translocation
- 16:30 - 16:45 *L.E. Cron*
Putative Proteinase Maturation Protein A (PpmA) of *Streptococcus pneumoniae* contributes to pneumococcal adherence and colonization
- 16:45 - 17:00 *J.J.G. Geurtsen*
Mycobacterial alpha-glucan modulates host immune responses via the interaction with DC-SIGN and Toll-like receptor 2
- 17:00 - 17:15 *C. Vink*
The *Mycoplasma pneumoniae* MPN229 gene encodes a protein that selectively binds single-stranded DNA and stimulates RecA-mediated DNA strand exchange
- 17:15 - 17:30 *A.J. King*
Comparative genomic profiling of Dutch clinical *Bordetella pertussis* isolates using DNA microarrays: identification of genes absent from epidemic strains

Room 6/7 **Parallel session 'Single cell environmental microbiology'**

Chairmen: J. Leveau & H. Smidt

- 16:00 - 16:30 *J.U. Kreft (Birmingham, United Kingdom)*
Concepts and practice of individual-based microbial ecology
- 16:30 - 17:00 *C. Ingham*
New petri dishes - microscale microbial culture chips
- 17:00 - 17:15 *E.L. Lagendijk*
Improved red fluorescent protein mcherry used in visualization of *Pseudomonas* biofilms on abiotic and biotic surfaces
- 17:15 - 17:30 *M. Emsermann*
Bacterial bioreporters for quantifying individuality

Room 8/9 **Parallel session ‘Medical mycology 2’**

Chairman: S. de Hoog

- 16:00 - 16:15 *C. Ingham*
Rapid susceptibility testing of fungi
- 16:15 - 16:30 *I.M. Curfs-Breuker*
The use of chromogenic media in medical mycology
- 16:30 - 16:45 *M.J. Najafzadeh*
Species of *Fonsecaea* causing human chromoblastomycosis
- 16:45 - 17:00 *W.W.J. van de Sande*
Efficacy of voriconazole and anidulafungin in combination in experimental invasive pulmonary aspergillosis in neutropenic rats
- 17:00 - 17:15 *L.E. Jansen*
Invasive pulmonary aspergillosis as a presenting sign in a HIV-positive patient
- 17:15 - 17:30 *E. Snelders*
Environmental *Aspergillus fumigatus* isolates are resistant to triazoles

Room Athene **Plenary session**

Chairmen: S. Brul & C.M.J.E. Vandenbroucke-Grauls

- 17:30 - 17:45 Announcement Kiem price winner
- 17:45 - 18:30 Kluyver lecture
J. Errington (Newcastle, United Kingdom)
A reproducible system for generating wall-less (L-form) bacteria: Implications for the evolution of cell proliferation

Restaurant **Conference dinner**

18:30 - 20:30

Room Sydney **Poster session & drinks (sponsored by **Yakult**)**

20:30 - 22:00

20:30 - 21:15 Presentations odd poster numbers

21:15 - 22:00 Presentations even poster numbers

22:00 **Presentation Yakult Poster Price**

As of 22:15 **Dance party “Groot microbiologie feest”**

WEDNESDAY 2 APRIL 2008

Room Athene Parallel session 'Medical microbiology (free communications)'

Chairman: K. Hol

- 09:00 - 09:15 *M. Damen*
Viral culture on tAN versus CaCo2 and HT-29 cell lines
- 09:15 - 09:30 *A.J.C. van den Brule*
Rapid detection of dermatophytes in clinical specimens using an internally controlled duplex real-time PCR
- 09:30 - 09:45 *M.H. Nabuurs-Franssen*
Validation of M.I.C. Evaluator strips following ISO guidelines
- 09:45 - 10:00 *N. al Naiemi*
A practical aid for detection of Extended-Spectrum Beta-Lactamases in Enterobacteriaceae
- 10:00 - 10:15 *M.J. Bruins*
Association between group A beta-haemolytic *Streptococci* and vulvovaginitis in adult women: a case control study
- 10:15 - 10:30 *R. de Boer*
Caenorhabditis elegans as a model system to study (anti-retroviral) drug-induced mitochondrial dysfunction
- 10:30 - 11:00 *Coffee/tea*

Room Sydney Parallel session 'WMDI: Molecular aspects of emerging infections'

Chairmen: E.C.J. Claas & R. Schuurman

- 09:00 - 09:30 *M. Panning (Bonn, Germany)*
Travelers and imported emerging infections: perspectives from the laboratory
- 09:30 - 10:00 *V.J. Munster*
Diagnosing avian influenza
- 10:00 - 10:15 *H. Vennema*
Molecular epidemiology of human gastro-enteritis viruses
- 10:15 - 10:30 *M. Schutten*
Molecular diagnostics of infections with uncommon viral pathogens
- 10:30 - 11:00 *Coffee/tea*

Room 2 **Parallel session ‘Sectie onderwijs (Nederlandstalige sessie)’**

Chairman: L. van Alphen

- 09:00 - 09:30 *G. van Bellen*
- 09:30 - 10:00 *G. van der Groen*
Filovirus haemorrhagic fever outbreaks: much ado about nothing?
- 10:00 - 10:15 *R. Wijffels*
Biodiesel uit algen
- 10:15 - 10:30 *F. Verhoeven*
The general public’s beliefs about Methicillin Resistant *Staphylococcus aureus*:
A mental models approach
- 10:30 - 11:00 *Coffee/tea*

Room 3 **Parallel session ‘Oral microbiology’**

Chairmen: A.J. van Winkelhoff & W. Crielaard

- 09:00 - 09:30 *B. Keijser*
Exploring the oral microbial universe using TNO’s OC-chip
- 09:30 - 10:00 *E.C.I. Veerman*
Effect of energy depletion on the sensitivity of *C. albicans* for antimicrobial peptides
- 10:00 - 10:15 *D. Deng*
Stress responses in *Streptococcus mutans*
- 10:15 - 10:30 *W.A. van der Reijden*
Transmission of *Tannerella forsythensis* in related families
- 10:30 - 11:00 *Coffee/tea*

Room 4/5 **Parallel session ‘General pathogenesis 2’**

Chairman: A. van Belkum

- 09:00 - 09:15 *I. Jongerius*
Modulation of Innate and Adaptive immune responses by C3d binding molecules of
S. aureus
- 09:15 - 09:30 *A. van Diepen*
Proteome characterization of respiratory virus-infected host cells by 2-D DIGE and
mass spectrometry
- 09:30 - 09:45 *R.P.L. Louwen*
RFLP association of the *Campylobacter jejuni* genes Cj1522 and Cj1523 with the
Guillain Barre syndrome. Do they function as a toxin?

- 09:45 - 10:00 *K.E.M. Elberse*
Population structure assessment of *Streptococcus pneumoniae* strains isolated from patients with invasive disease in the pre-vaccination era using MLVA and sequence based surrogate serotyping
- 10:00 - 10:15 *M. Emonts*
Transcriptome profiles of children suffering from meningococcal sepsis
- 10:15 - 10:30 *M.D. Jansen*
The distinct epidemiology of CA-MRSA versus HA-MRSA may be explained by rRNA operon copy number
- 10:30 - 11:00 *Coffee/tea*

Room 6/7

Parallel session 'Secretion mechanisms in pathogens'

Chairman: C. van der Does

- 09:00 - 09:30 *P.J.J. Hooykaas*
Type IV secretion of proteins and DNA molecules by pathogens into eukaryotic cells
- 09:30 - 10:00 *W. Bitter*
Type VII secretion - Mycobacteria show the way
- 10:00 - 10:15 *G. Buist*
Secretion and binding of wall located virulence factors of *Staphylococcus aureus*
- 10:15 - 10:30 *E. Pachulec*
The type IV DNA secretion system of *Neisseria gonorrhoeae*
- 10:30 - 11:00 *Coffee/tea*

Room 8/9

Parallel session 'Werkgroep Oost & West 1: Lyme-borreliosis: clinical aspects, diagnostics, and epidemiology'

Chairman: R.W. Vreede

- 09:00 - 09:30 *A. Hofhuis*
Epidemiology of erythema migrans and tick bites, and infection of ticks with *Borrelia*
- 09:30 - 10:00 *J. Oksi (Turku, Finland)*
Clinical pictures of disseminated Lyme-borreliosis
- 10:00 - 10:30 *A. van Dam*
Diagnosis of Lyme-borreliosis: value of serological and molecular methods
- 10:30 - 11:00 *Coffee/tea*

Room Athene **Parallel session ‘Clinical epidemiology (free communications)’**

Chairman: W. Manson

- 11:00 - 11:15 *F. Hagen*
Where is the origin of the *Cryptococcus gattii* Vancouver Island outbreak?
- 11:15 - 11:30 *J.A.M. Labout*
Interactions between respiratory pathogens during colonization in the first months of life. The Generation R Study
- 11:30 - 11:45 *M.J.A. de Regt*
Environmental contamination: a risk factor for acquisition of CC17 Ampicillin-Resistant *Enterococcus faecium* (ARE)
- 11:45 - 12:00 *G.H. van Ramshorst*
Complication registration underestimates the incidence of superficial surgical site infections: a prospective cohort study
- 12:00 - 12:15 *I.H.M. Friesema*
Differences in clinical presentation between norovirus genotypes in nursing homes
- 12:15 - 12:30 *R.H.C.A. Deurenberg*
The *S. aureus* virulence factors collagen-adhesion and toxic shock syndrome toxin 1 can increase the discriminatory power of spa typing
- 12:30 - 14:00 *Lunch*

Room Sydney **Parallel session ‘NWKV: Molecular diagnostics of viral respiratory infections’**

Chairman: A. Vossen

- 11:00 - 11:15 *E.C.J. Claas*
State of the art of diagnosing viral respiratory infections by molecular methods in The Netherlands
- 11:15 - 11:30 *R. Molenkamp*
Three tube pentaplex PCR assay for detection of viral respiratory pathogens
- 11:30 - 11:45 *J. Gooskens*
Clinical evaluation of pediatric viral respiratory infections detected by real-time PCR
- 11:45 - 12:00 *J. Schinkel*
Importance of Human Bocavirus as a respiratory pathogen
- 12:00 - 12:15 *M.M. van der Zalm*
Prevalence of the newly identified WU and KI polyomaviruses in children with and without respiratory symptoms
- 12:15 - 12:30 *C.F.M. Linssen*
Presence of human metapneumovirus in bronchoalveolar lavage fluid samples detected by means of RT-PCR

12:30 - 14:00 *Lunch*

Room 2 **Parallel session 'Modeling disinfection on surfaces and in biofilms in food technology'**

Chairman: R. Beumer

11:00 - 11:30 *G. Wirtanen (Helsinki, Finland)*
An overview of disinfection procedures in food microbiology, and their effects on micro-organisms (in biofilms)

11:30 - 11:45 *J. Wijman*
Diversity in *Bacillus cereus* biofilm formation capacity and spore contents; implications for disinfection procedures

11:45 - 12:00 *J.M. Straver*
Modelling microbial survivors in various disinfection processes for better results

12:00 - 12:30 *J. Poulis*
Disinfectants from an international point of view: problems, solutions and future developments

12:30 - 14:00 *Lunch*

Room 3 **Parallel session 'SKMM: Meten is weten? (Nederlandstalige sessie)'**

Chairman: G. van Doornum

11:00 - 11:30 *P. Verweij*
Wat is de waarde van galactomannan detectie?

11.30 - 12.00 *M.F. Peeters*
Serologie van bacteriële luchtweginfecties

12:00 - 12:15 *J. Kerremans*
Detection of Methicillin-Resistant *Staphylococcus aureus* in a low prevalence setting by a PCR combined with a selective enrichment broth

12:15 - 12:30 *SKMM vergadering*

12:30 - 14:00 *Lunch*

Room 4/5 **Parallel session 'General pathogenesis 3'**

Chairman: B. Appelmelk

11:00 - 11:30 *M. Höök (Houston, USA)*
Biology of MSCRAMMs

11:30 - 11:45 *A.P. Heikema*
Role of Siglec/sialic acid interaction in phagocytosis of *Campylobacter jejuni* in human monocytes

- 11:45 - 12:00 *N.J.P. Smits*
Determination of growth dependent gene expression of *Staphylococcus aureus* with a newly developed whole genome microarray
- 12:00 - 12:15 *A.C. Fluit*
Preliminary analysis of the whole genome sequence of a clinical ST30 MSSA isolate
- 12:15 - 12:30 *K. Stol*
A novel *in vivo* Otitis Media model
- 12:30 - 14:00 *Lunch*

Room 6/7 **Parallel session 'Progress in microbiology 1'**

Chairman: S. Brul

- 11:00 - 11:15 *W. Pusch*
Identification and classification of microorganisms by mass spectrometry fingerprinting
- 11:15 - 11:30 *E.J. Gaasbeek*
Inhibition of natural transformation through an endogenous DNase in *Campylobacter jejuni*
- 11:30 - 11:45 *A. Paauw*
Diversity of the *Enterobacter cloacae* complex determined by a mixed genome array and multi locus sequence analysis
- 11:45 - 12:00 *A.T. Kovacs*
Response of *B. cereus* ATCC14579 to a challenge with the circular bacteriocin enterocin AS-48
- 12:00 - 12:15 *T. Shen*
Freeze- thaw treatment represses growth metabolism related functions and induces the envelope stress response and cell wall biosynthesis pathways of *B. subtilis*
- 12:15 - 12:30 *W. van Schaik*
Draft genome sequencing of two *Enterococcus faecium* strains by pyrosequencing technology reveals niche-specific gene acquisition
- 12:30 - 14:00 *Lunch*

Room 8/9 **Parallel session 'Werkgroep Oost & West 2 / ESBL: Historie en nieuwe ontwikkelingen'**

Chairman: J. Kluytmans

- 11:00 - 11:15 *M. Leverstein - van Hall*
ESBL: Historic perspective and epidemiology
- 11:15 - 11:30 *D. Mevius*
ESBLs in animals

- 11:30 - 11:45 *J. Cohen Stuart*
The clinical impact of Extended Spectrum Beta-lactamases (ESBL's)
- 11:45 - 12:00 *N. al Naiemi*
Guideline of the Dutch Society for Medical Microbiology for screening and confirmation of Extended-Spectrum Beta-Lactamases in *Enterobacteriaceae*
- 12:00 - 12:15 *J. Kluytmans*
ESBL and infection prevention
- 12:15 - 12:30 *M. Leverstein - Van Hall*
ISIS and ESBL
- 12:30 - 14:00 *Lunch*
- Room Athene** **Sponsor Symposium Pfizer**
12:30 - 13:45
- Room Sydney** **Ledenvergadering NVvM**
12:45 - 14:00
- Room 2** **BBC-MMO vergadering**
12:45 - 14:00
- Room 4/5** **Lunchbijeenkomst "Registratie van Nascholing"**
13:00 - 14:00
Korte voorlichtingsbijeenkomst over alles wat met nascholingsactiviteiten te maken heeft, variërend van GAIA en achteraf accreditatie van gevolgde nascholing tot het bijhouden van uw eigen nascholing in uw persoonlijk dossier. Er is ruime mogelijkheid tot het stellen van vragen.
- Room Athene** **Parallel session "Therapie van parasitaire infecties (Nederlandstalige sessie)'**
Chairman: T. Kortbeek
- 14:00 - 14:15 *R.W. Sauerwein*
Het gebruik van artemisinine in de perifere ziekenhuizen
- 14:15 - 14:30 *T.A.M. Hekker*
The treatment of *Dientamoeba fragilis*
- 14:30 - 14:45 *T. Mank*
Nitazoxanide voor *Cryptosporidium*
- 14:45 - 15:00 *L.G. Visser*
Doxy of albendazol ipv DEC voor filariasis?
- 15:00 - 15:15 *T. Kortbeek*
Toxocara: wel of niet behandelen
- 15:15 - 15:30 *L. van Dommelen*
Evaluation of 5 different rapid tests for the detection of *Giardia lamblia* cysts and/or *Cryptosporidium parvum* oöcysts in faecal samples

15:30 - 16:00 *Coffee/tea*

Room Sydney **Parallel session ‘The human microbiome/Typing of the human gastrointestinal microflora’**

Chairman: P. Savelkoul

14:00 - 14:30 *H. Smidt*
Bringing light into the tunnel - Composition and functionality of gut microbiota

14:30 - 15:00 *J. Hugenholtz*
Functional biodiversity of mixed strain starters for production of fermented foods

15:00 - 15:15 *D.J. Soeltan-Kaersenhout*
Terminal Restriction Fragment Length Polymorphism as a diagnostic tool in gastrointestinal disease: a preliminary study

15:15 - 15:30 *I.H.M. Friesema*
National outbreak of shiga-toxin producing *Escherichia coli* O157

15:30 - 16:00 *Coffee/tea*

Room 2 **Parallel session ‘Energy from Biomass’**

Chairman: G.J. Euverink

14:00 - 14:15 *J.S. Geelhoed*
Electron transfer in microbial fuel cells

14:15 - 14:30 *E. Croese*
Microbial community in hydrogen producing microbial fuel cells

14:30 - 14:45 *M.F. Temudo*
Microbial diversity in open mixed cultures fermentation

14:45 - 15:00 *M. Verhaart*
Genome analysis and microarray analysis of the hydrogen producing thermophilic bacterium *Caldicellulosiruptor saccharolyticus*

15:00 - 15:30 *T.b.a.*

15:30 - 16:00 *Coffee/tea*

Room 3 **Parallel session ‘ICT: Standaardiseer de standaard (Nederlandstalige sessie)’**

Chairman: C.H.E. Boel

14:00 - 14:30 *R. Cornet*
SNOMED CT: “De semantische standaard” van de toekomst?

14:30 - 15:00 *A. Hamster & C.H.E. Boel*
IHE lab in Nederland

- 15:00 - 15:15 Discussie
- 15:15 - 15:30 *H.R.A. Streefkerk*
Automated proxysurveillance of nosocomial infections

15:30 - 16:00 *Coffee/tea*

Room 4/5 **Parallel session 'General pathogenesis 4'**

Chairman: O.P. Kuipers

- 14:00 - 14:15 *J. Bestebroer*
Staphylococcal superantigen-like protein 5 is a broad spectrum chemokine and anaphylatoxin inhibitor
- 14:15 - 14:30 *P.J. Burghout*
Characterization of a pneumococcal competence-induced operon: link between DNA repair and carbon dioxide fixation?
- 14:30 - 14:45 *W.T. Hendriksen*
Regulation of nitrogen metabolism in *Streptococcus pneumoniae* by CodY and GlnR: link between nutritional gene regulation and virulence
- 14:45 - 15:00 *N.N. Driessen*
Role of phosphatidylinositol mannosides in the interaction of mycobacteria with human dendritic cells
- 15:00 - 15:15 *A.P.A. Hendrickx*
EcbA and SgrA, two LPXTG surface proteins of *Enterococcus faecium* CC17 bind to components of the extracellular matrix
- 15:15 - 15:30 *M. van Gent*
An investigation into the cause of the 1983-1987 whooping cough epidemic in The Netherlands
- 15:30 - 16:00 *Coffee/tea*

Room 6/7 **Parallel session 'Progress in microbiology 2'**

Chairman: M.H. Zwietering

- 14:00 - 14:15 *F. Talarico Saia*
Characterization of the microbiota from a benzene-degrading, nitrate reducing bioreactor
- 14:15 - 14:30 *A. van Mourik*
Regulation of the energy metabolism in *C. jejuni*
- 14:30 - 14:45 *M. van der Voort*
Diversity in sporulation and germination of *Bacillus cereus* strains
- 14:45 - 15:00 *M.W.J. van Passel*
The peculiar distribution of simple sequence repeats

15:00 - 15:15 *K.M. Schwarz*
Systems biology of *Clostridium acetobutylicum* - understanding solvent production

15:30 - 16:00 *Coffee/tea*

Room 8/9 **Parallel session 'Carbapenemases'**

Chairman: Y.J. Debets

14:00 - 14:30 *P. Nordmann (Le-Kremlin-Bicetre, France)*
Acquired Carbapenemases: a worldwide spread

14:30 - 14:45 *N. al Naiemi*
First detection of transferable metallo-beta-lactamases in The Netherlands

14:45 - 15:30 *M.J. Schwaber (Tel Aviv, Israel)*
Infection control at the national level: containment of an outbreak of carbapenem-resistant *Klebsiella pneumoniae* in Israeli hospitals

15:30 - 16:00 *Coffee/tea*

Room Athene **Ledenvergadering NVMM**

16:00 - 18:00

