

SUNDAY July 1

13:30

14:00

14:30

15:00

Registration

15:30

16:00

Posters Up!

16:30

17:00

17:30

18:00

18:30

Dinner (Buffet)

20:30

MONDAY July 2

7:30 Breakfast

8:30 Registration

9:05 Opening

Meeting organisers

9:25 STI 1

Chairs: Christian Hoebe & Angelika Stary

Keynote lecture

Clinical Perspectives on Chlamydial STIs - Eward Hook III

9:55 *Modeling analysis of urogenital and ocular Chlamydial disease reveals distinct host and Chlamydial factors lead to clinical disease, using the koala as a model system*

Bonnie Quigley

10:15 *Relation between Chlamydia trachomatis infection and pelvic inflammatory disease, ectopic pregnancy and tubal factor infertility in a dutch cohort study*

Bernice Hoenderboom

10:35 BREAK

11:00 *Chlamydia trachomatis and adverse reproductive health outcomes: a large retrospective population-based cohort study among primary care patients*

Casper den Heijer

11:20 *Synthesis of results of picc-up: potential of expedited partner therapy for Chlamydia in The Netherlands*

Hannelore Götz

11:40 *Chlamydia trachomatis clinical isolates representative of the three seroclasses yield different rates of infectivity in the pigtailed macaque genital tract model*

Dorothy Patton

12:00 Lunch

13:30 Basic biology

Chairs: Joanne Engel & Richard Stephens

Keynote lecture

High Throughput Proteomics to Define Chlamydia-Host Protein-Protein Interactions - Joanne Engel

14:00 *A family of ten novel Chlamydia pneumoniae-specific pathogenicity factors*

Corinna Braun

14:20 *The effect of inhibitors of eukarotic n-glycosylation on MOMP glycosylation in vitro and chlamydial shedding in a mouse model of genital tract infection*

Lee Ann Campbell

14:40 *Characteristics of chlamydial isolates associated with repeat infections in women*

Wilhelmina Huston

15:00 Break

15:20 *Characterization of cell division mechanisms in the Chlamydia-related bacterium Waddlia chondrophila*

Firuz Bayramova

15:40 *How is conversion between reticulate bodies and elementary bodies regulated during the intracellular Chlamydia infection?*

Ming Tan

16:00 *The plasmid-cured phenotype of Chlamydia muridarum*

Ian Clarke

16:20 *Role of C. trachomatis inclusion membrane protein CT192*

Joanne Engel

16:40 *A Chlamydia trachomatis T3S effector mediates the remodeling of the epithelial cytoskeleton and cell-cell junctions*

Lee Dolat

17:00 *Functional genetics in Chlamydia through transposon mutagenesis and cross-species lateral gene transfer*

Kevin Hybiske

17:20 Posters

Session 1

18:30 Dinner

21:00

TUESDAY July 3

7:30

Breakfast

8:45

Diagnostics 1

Chairs: Charlotte Gaydos & Max Chernesky

Keynote lecture

Diagnosis of Chlamydia trachomatis infection with some comments on other Chlamydiae - Julius Schachter

9:15

The Dutch Chlamydia trachomatis reference laboratory in the Netherlands 2010-2017: identification of C. trachomatis plasmid free clinical isolates and other Chlamydia variants

Servaas Morré

9:35

Detection of C.trachomatis, N.gonorrhoeae and M.genitalium with Aptima assays performed on self-obtained vaginal swabs and urine collected in a clinic and at home

Max Chernesky

9:55

Detection of Chlamydia trachomatis mrna using digital pcr as a more accurate marker of viable infection

Jane Hocking

10:15

Acceptability of a "selfie" or self-collected vaginal swab specimen for enhancing Chlamydia screening in a pharmacy

Charlotte Gaydos

10:35

BREAK

11:00

Chlamydia trachomatis genotypes in ophthalmia neonatorum in hungary, 2008-2017

Eszter Balla

11:20

Peptide microarray for human Chlamydial serology

Bernhard Kaltenboeck

11:40

Serologic markers of Chlamydia trachomatis and other infections and ovarian cancer risk in two independent populations

Tim Waterboer

12:00

Lunch

13:30

Immunology

Chairs: Michael Starnbach & Guangming Zhong

Keynote lecture

Immune components required for control of Chlamydia infection - Michael Starnbach

14:00

C. trachomatis infection induces immunopathology by recruiting non-protective neutrophils and T cells to the upper genital tract

Michael Starnbach

14:20

Chlamydia muridarum activates non-canonical cytosolic defense pathway(s) to drive oviduct pathology in the mouse model

Uma Nagarajan

14:40

Mucosal immune responses in women with versus without natural clearance of Chlamydia trachomatis infection

Stephen Jordan

15:00

Break

15:20

Chlamydia pneumoniae induced Tumor Necrosis Factor Alpha responses are lower in children with asthma compared with non-asthma

Margaret Hammerschlag

15:40

Anti-Chlamydial immune responses at infected mucosal surfaces is mediated by multiple host MicroRNAs

Bernard Arulanandam

16:00

Protection against Chlamydia complications by inhibiting epithelial-mesenchyme transition

Joseph Igietseme

16:20

An mRNA-based Chlamydia trachomatis vaccine

Nadia Cohen

16:40

The impact of gastrointestinal Chlamydia on genital tract pathology depends on the site of 1st exposure to Chlamydia

Guangming Zhong

17:00

Posters

Session 2

18:30

Dinner

21:00

WEDNESDAY July 4

7:30	Breakfast
8:45	Diagnostics 2 Chairs: Barbara Van Der Pol & Servaas Morré
8:50	<i>Distribution of Chlamydia trachomatis organism load in specimens determined using real-time PCR</i> Barbara Van Der Pol
9:05	<i>Genital and anal Chlamydia trachomatis bacterial load in women concurrently infected</i> Anne Dirks
9:25	<i>Standardization is necessary in urogenital and extragenital Chlamydia trachomatis bacterial load determination by quantitative PCR</i> Petra Wolffs
9:45	<i>Factors influencing urogenital Chlamydia trachomatis DNA clearance after treatment</i> William Geisler
10:05	Break
10:30	Genomics Chairs: Ian Clarke & Gilbert Greub Keynote lecture: <i>Chlamydia & chlamydia-related bacteria: lessons from 20 years of genomics</i> - Gilbert Greub
11:00	<i>CHLAMBASE: a curated model organism database for the Chlamydia research community</i> Kevin Hybiske
11:20	<i>Genomic analysis of the Chlamydia trachomatis core genome shows an association between chromosomal genome, plasmid type, and disease</i> Bart Versteeg
11:40	<i>Rapid and direct assessment of mutations in 23S rRNA encoding azithromycin resistance in Chlamydia trachomatis</i> Petra Wolffs
12:00	<i>The role of SNPs in the TLR2, NOD1, CXCR5, and IL10 genes in the course of Chlamydia trachomatis infections</i> Bernice Hoenderboom
12:20	<i>Pathways-wide genetic risk in Chlamydial infections overlap between tissue tropism: a genome-wide association scan</i> Servaas Morré
12:40	Lunch or early start
13:30	Free Afternoon
19:00	Dinner
21:00	Buffet

THURSDAY July 5

7:30

Breakfast

8:45

STI 2

Chairs: Nicole Dukers-Muijrs & Henry de Vries

8:50

Keynote lecture

Lymphogranuloma venereum in men who have sex with men - Henry de Vries

9:15

Preceding oropharyngeal Chlamydia trachomatis infection is not a risk factor for anorectal Chlamydia trachomatis infection in men who have sex with men (MSM) and women

Jeanine Leenen

9:35

Does Chlamydia trachomatis anal infection occur with vaginal infection in women?

Bertille de Barbeyrac

9:55

Treatment effectiveness of azithromycin and doxycycline in uncomplicated anorectal and cervicovaginal Chlamydia trachomatis infected women; an observational multicenter prospective cohort study

Nicole Dukers-Muijrs

10:15

Anorectal Chlamydia trachomatis infection in women – a systematic review and meta-analysis

Andrew Lau

10:35

BREAK

11:00

Lymphogranuloma venereum among men who have sex with men in The Netherlands between 2010 and 2016

Fleur van Aar

11:20

Chlamydia in intestinal biopsy samples

Nicole Borel

11:40

Rectal Chlamydia in a cohort of men with and without nongonococcal urethritis (NGU)

Teresa Batteiger

12:00

Lunch

13:30

High prevalence of Chlamydia trachomatis genovar L strains among PrEP users

Olivia Peuchant,

13:50

pGP3 promotes chlamydial survival in the stomach

Tianyuan Zhang

14:10

In vitro survival of Chlamydia trachomatis in a low pH environment

Jeanne Moncada

14:30

Lymphogranuloma venereum (Lgv) surveillance in Austria. a pilot project in rectal Chlamydia infections from 2015 to 2017

Angelika Stary

14:50

Break

15:10

Trachoma

Chairs: Sheila West & David Mabey

Keynote lecture

Trachoma: Towards Elimination - Sheila West

15:40

Twenty years toward trachoma elimination: history and evolution of the international trachoma initiative (ITI)

P.J. Hooper

16:00

Quantitative analysis of Chlamydia trachomatis infection in Amhara, Ethiopia after five years of mass drug administration

Scott Nash

16:20

The use of serology to determine the need for mass drug administration in trachoma control programmes

David Mabey

16:40

Tropical data: prevalence surveys for elimination of trachoma and other neglected tropical diseases

Emma Harding-Esch

17:00

Prepare for the banquet

18:00

Buses to Banquet

18:20

Drinks and visit location

20:00

Banquet

23:30

Return to hotel

FRIDAY July 6

7:30 Breakfast

8:45 Zoönosis / One Health
Chairs: Yvonne Pannekoek & Nicole Borel

Keynote lecture

From many Chlamydiae to One Health - Yvonne Pannekoek

9:15 *An epizootic of Chlamydia psittaci equine reproductive loss associated with suspected spillover from native Australian parrots*
Adam Polkinghorne

9:35 *Zoonotic Chlamydia caviae pneumonia: a new event or never detected?*
Marloes Heijne

9:55 *Investigating the risk for zoonotic Chlamydia psittaci infections from Swiss wild and captive birds*
Nicole Borel

10:15 *Chlamydia suis transmission from pigs to the human eye*
Daisy Vanrompay

10:35 BREAK

11:00 *In search of the past: Chlamydia psittaci in Fulmars on the Faroe Islands eight decades after a severe epidemic*
Björn Herrmann

11:20 *An integrated human-animal health approach to reduce the disease burden of psittacosis*
Hendrik-Jan Roest

11:40 *Combination of chitosan and VCG as the nanovaccine adjuvant induces a full protection against avian Chlamydia psittaci infection*
Cheng He

12:00 Closing Remarks

12:20 Lunch

13:20 Departures

Poster Session 1: Monday July 2, 17:20 – 18:30

	Author Name	Title
A1	Murthy, Ashlesh K.	Tumor Necrosis Factor Receptor 2 contributes to <i>Chlamydia pneumoniae</i> -induced atherosclerosis in mice
A2	Dirks, Anne	<i>Chlamydia trachomatis</i> plasmid copy number in urogenital samples: a retrospective cohort study
A3	Ammerdorffer, Anne	Screening of <i>Chlamydia trachomatis</i> and <i>Waddlia chondrophila</i> antibodies in women with tubal factor infertility
A4	Eko, Francis	The FMS-like tyrosine kinase 3 ligand (FLT3L) modulates <i>Chlamydia abortus</i> -specific immunity in mice
A5	Nelson, David	<i>C. trachomatis</i> infection profoundly alters the urethral microbiome in men
A6	Gupta, Mansi	Zebrafish model for <i>Chlamydia trachomatis</i> and <i>Waddlia chondrophila</i> infections
A7	Hufnagel, Katrin	Identification of <i>Chlamydia trachomatis</i> disease-associated biomarkers using whole-proteome microarrays: preliminary results from The Netherlands Chlamydia Cohort Study (NECCST)
A8	Nagarajan, Uma	<i>Chlamydia muridarum</i> activates non-canonical cytosolic defense pathway(s) to drive oviduct pathology in the mouse model
A9	Zhang, Tianyuan	PGP3 promotes chlamydial survival in the stomach
A10	DENNIS, VIDA A	<i>Chlamydia</i> nanovaccine formulated with recombinant MOMP encapsulated in PLGA 85/15 nanoparticles confers protection against a <i>Chlamydia muridarum</i> challenged infection in mice
A11	Rahman, Shamsur	<i>Chlamydia trachomatis</i> peptide antigens: immunodominant B-cell epitopes recognized only by the natural human host
A12	Hoenderboom, Bernice	Role of <i>Chlamydia trachomatis</i> serology in estimating previous <i>Chlamydia</i> exposure
A13	He, Cheng	Combination of chitosan and VCG as the nanovaccine adjuvant induces a full protection against avian <i>Chlamydia psittaci</i> infection
A14	Rosenkrands, Ida	Characterisation of the antibody response in patients after <i>Chlamydia trachomatis</i> genital infection
A15	Liang, Steven	BD584-mediated protective immunity against <i>Chlamydia trachomatis</i> infection correlates with high IFN- γ and IgG2a responses
A16	van Loo, Inge	Serological response (IgG and IgA) against <i>Chlamydia trachomatis</i> in NAAT positive and negative men who have sex with men
A17	Belay, Tesfaye	Active hexose correlated compound restores immune function and modulates stress hormone productions in Chlamydia-infected stressed mice
A18	Zhou, Jizhang	The mice immunity experiment of the inactivated vaccine of <i>Chlamydia abortus</i> from yak
A19	Janssen, Kevin	Assessment of total and viable load in urogenital and anorectal <i>Chlamydia trachomatis</i> positive samples
A20	Wijers, Juliën	Geographical clustering of <i>Chlamydia trachomatis</i> infections in The Netherlands, 2013-2015
A21	Puolakkainen, Mirja	<i>Chlamydia trachomatis</i> , <i>Mycoplasma genitalium</i> , <i>Herpes Simplex Virus</i> and <i>Human Herpes Virus-6</i> among young women in Finland
A22	Davies, Stephen C.	Novel collaborative approaches to screening young people for genital Chlamydial infection
A23	Pal, Sukumar	Implementation of a new murine model for the characterization of the horizontal and vertical transmission of genital Chlamydial infections
A24	Joki-Korpela, Päivi	Impact of male partner <i>Chlamydia trachomatis</i> seropositivity on infertility in unselected subfertile

	Author Name	Title
		population
A25	Heijne, Janneke	National prevalence estimates of <i>Chlamydia</i> in The Netherlands
A26	van Wees, Daphne	Treating underlying psychology rather than symptoms: identifying behavioural and psychological risk determinants for <i>Chlamydia</i> infection
A27	van Liere, Geneviève	Oropharyngeal <i>Chlamydia trachomatis</i> testing and positivity at an STI clinic in the past 5 years; testing more and finding even more
A28	Puolakkainen, Mirja	Effectiveness of <i>Chlamydia trachomatis</i> screening: population-based trial
A29	Touati, Arabella	MLVA genotyping of <i>Chlamydia trachomatis</i> genovar E shows a clonal spread of a strain among men who have sex with men
A30	Kreisel, Kristen	Trends in ectopic pregnancy diagnoses in United States emergency departments, 2006–2013
A31	Rantsi, Tiina	Serological markers of persistent <i>Chlamydia trachomatis</i> infection are associated with elevated body mass index in subfertile women
A32	Davies, Stephen C.	Lymphogranuloma venereum presenting as a penile ulcer in a gay man without HIV infection
A33	Hammerschlag, Margaret	The effect of prenatal screening for <i>Chlamydia trachomatis</i> on Chlamydial conjunctivitis in infants
A34	Thomas, Pierre PM	ChlamIndia study protocol: detection of <i>C. trachomatis</i> , <i>N. gonorrhoeae</i> , <i>T. vaginalis</i> , and <i>W. chondrophila</i> in eastern Uttar Pradesh India
A35	Banniettis, Natalie	The impact of routine <i>Chlamydia trachomatis</i> screening during pregnancy on the seroepidemiology of chlamydial infection in children, 1991-2015.
A36	Liu, Quanzhong	Lymphogranuloma venereum associated with squamous cell carcinoma: a case report
A37	Broad, Claire	High prevalence of <i>Chlamydia trachomatis</i> and co-infection with <i>Mycoplasma genitalium</i> and <i>Neisseria gonorrhoeae</i> in symptomatic clinic attendees
A38	Brankovic, Ivan	Potential of <i>Chlamydia trachomatis</i> host genetic profiling to modify the screening for tubal factor infertility (TFI) – the Dutch perspective
A39	Chunguang, MA	Detection of Chlamydial 16s ribosomal RNA and <i>Chlamydia</i> proteins in the tubal tissues of <i>Chlamydial trachomatis</i> -IgG seropositive tube factor infertile women
A40	Dubrovina, Svetlana	Genital tract infection of women with verified disease by laparoscopy and women with normal laparoscopic results
A41	Jøraholmen, May Wenche	Liposomes-in-hydrogel for the local treatment of <i>Chlamydia</i> : controlled delivery of natural substances
A42	Sary, Angelika	Lymphogranuloma venereum (LGV) surveillance in Austria. a pilot project in rectal chlamydia infections from 2015 to 2017

Poster Session 2: Tuesday July 2, 17:00 – 18:30

	Author Name	Title
B1	Jang, Dan	<i>Chlamydia trachomatis</i> and six other genital microorganisms in vaginal swabs and first catch urine tested in an ALLPLEXTM STI essential assay
B2	Herrmann, Björn	Comparison of three commercial methods and a suspension multiplex immunoassay (SMIA) for detection of <i>Chlamydia trachomatis</i> antibodies
B3	van Ess, Eleanne	Comparison of the Mikrogen multi-target Elisa with the Mikrogen Recomline Immunoblot in the detection of <i>Chlamydia trachomatis</i> IgG antibodies in serum in a female infertility population
B4	Ouburg, Sander	Urogenital pathogen detection with the Presto ^{plus} and Easyscreen STI pathogen detection assays
B5	Singer, Martin	Detection of <i>Chlamydia trachomatis</i> in clinical samples using single cell droplet MALDI-TOF: a new point of care opportunity
B6	Numazaki, Kei	Classified serovars of <i>Chlamydia trachomatis</i> detected from Japanese infants
B7	Hammerschlag, Margaret	Attitudes towards the acceptability of Chlamydia point of care testing among inner city adolescents and young adults
B8	Thomas, Pierre PM	<i>Chlamydia trachomatis</i> infections in the Allahabad district of Uttar Pradesh, India. preliminary data from the ChlamIndia study
B9	Omer, Hajir	Chlamydia infection in Wad Madani- Central Sudan
B10	Bulir, David	Genetic transformation of <i>Chlamydia trachomatis</i> and its application to vaccine design
B11	Gaydos, Joel	Morbidity associated with <i>Chlamydia pneumoniae</i> in United States army training centers
B12	Grdanoska, Tanja	<i>Chlamydia pneumoniae</i> , <i>Helicobacter pylori</i> and coronary heart disease
B13	Radouani, Fouzia	Cell-mediated immune response associated to <i>Chlamydia pneumoniae</i> infection in atherosclerotic patients
B14	Ouchi, Kazunobu	Nationwide survey of <i>Chlamydia pneumoniae</i> infections and <i>Mycoplasma pneumoniae</i> infections in children in Japan 2008-2017
B15	Heuer, Dagmar	Profiling the SNX complex during <i>Chlamydia trachomatis</i> infections
B16	Liu, Yuanjun	Identification of differentially expressed circular RNAs affected by <i>Chlamydia</i> infection in host cells
B17	Rubanik, Liudmila	Genotyping of <i>Omp 1</i> gene <i>Chlamydia trachomatis</i> detected from urogenital specimens in the republic of Belarus
B18	Korhonen, Suvi	Expression of <i>Chlamydia trachomatis ompA</i> , <i>CPAF</i> , <i>TARP</i> and <i>TOX</i> genes among low-passage-number clinical isolates
B19	Dean, Deborah	Diversity of tryptophan operon genes among <i>Chlamydia trachomatis</i> clinical strains representing recurrent and long-term infections: markers of functional loss and in vivo persistence
B20	Scherler, Aurélie	Diverse stress stimuli treatments induce distinct types of persistent forms in the <i>Chlamydia</i> related-bacterium, <i>Waddlia chondrophila</i>
B21	Fan, Huizhou	Differential regulation of $\sigma 66$ - and $\sigma 28$ -dependent transcription by the <i>Chlamydia</i> -specific protein GRGA
B22	West, Sheila	Longitudinal change in the serology of antibodies to <i>Chlamydia trachomatis</i> PGP3 in children following mass drug administration for trachoma
B23	Ghasemian, Ehsan	<i>Chlamydiaceae</i> and <i>Chlamydia</i> -like organisms in the conjunctiva of children and adults from a

	Author Name	Title
		trachoma endemic region in Sudan
B24	Barisani-Asenbauer, Talin	Neuropeptides, cytokines, metalloproteases and <i>Chlamydia trachomatis</i> antibody profiles in subjects with trachomatous trichiasis and controls
B25	Inic-Kanada, Aleksandra	Anionic sulphated polygalactan iota-carrageenan is an inhibitor of ocular Chlamydial infection
B26	Wentrup, Cecilia	<i>Protochlamydia amoebophila</i> protects amoebae against <i>Legionella pneumophila</i> infection
B27	Balla, Eszter	The diagnostic algorithm of revealing sporadic cases of psittacosis in Hungary, 2007-2017
B28	Hokynar, Kati	<i>Chlamydiales</i> bacteria in human skin