Symposium

Sunday 28 June

10th International Symposium on Haemophilus ducreyi Pathogenesis and Chancroid

Organised by: David Lewis (STI Reference Centre, National Institute for Communicable Diseases, National Health Laboratory Service, South Africa)

Time: 09:00 – 16:00

Room: Abbey Room

Chairs: Margaret Bauer, Indiana University, USA
Tom Kawula, University of North Carolina, USA
Maria Labandeira-Rey, University of Texas Southwestern Medical Centre, USA
Stan Spinola, Indiana University, USA

Programme:

08:30  Registration
09:00  Welcome and Introduction
David Lewis, National Institute for Communicable Diseases, South Africa

GROUP 1: VIRULENCE DETERMINANTS AND GENETIC DIVERSITY.
Moderator: Margaret Bauer, Indiana University, USA

09:15  DsrA AS THE MAJOR FIBRINOGEN-BINDING PROTEIN OF HAEMOPHILUS DUCREYI
Isabelle Leduc, University of North Carolina, USA

09:45  REGULATION OF EXPRESSION OF THE LspA PROTEINS
Maria Labandeira-Rey, University of Texas Southwestern Medical Centre, USA

10:15  GENETIC DIVERSITY (16S AND sodA GENES) AS AN EPIDEMIOLOGICAL TOOL
Raymond Tsang, University of Manitoba, Canada

10:45  Tea/Coffee break

GROUP 2: IMMUNOLOGY.
Moderator: Tom Kawula, University of North Carolina, USA

11:00  HAEMOPHILUS DUCREYI AND ANTIMICROBIAL PEPTIDES
Margaret Bauer, Indiana University, USA

11:30  THE ROLE OF NK AND REGULATORY T CELLS IN HUMAN IMMUNE RESPONSES TO H. DUCREYI
Wei Li, Indiana University, USA

12:00  Lunch (on your own)

GROUP 3: TOXINS.
Moderator: Maria Labandeira-Rey, University of Texas Southwestern Medical Centre, USA

13:15  CdtB INTERACTIONS WITH ANTI-APOPTOTIC PROTEINS: A MECHANISM OF CYTOTOXICITY INDEPENDENT OF DNASE ACTIVITY?
Tom Kawula, University of North Carolina, USA

13:45  TWO TOXINS OF HAEMOPHILUS DUCREYI, CYTOLETHAL DISTENDING TOXIN AND ENDOTOXIN IN IMMUNITY
Teresa Lagergard, Göteborg University, Sweden

14:15  Tea/Coffee break

GROUP 4: CHANCROID: HISTORY, EXPERIMENTAL AND NATURAL INFECTION.
Moderator: Stan Spinola, Indiana University, USA

14:30  CHANCROID – A HISTORICAL PERSPECTIVE
David Lewis, National Institute for Communicable Diseases, South Africa

14:45  CUMULATIVE DATA FROM THE HUMAN CHALLENGE MODEL OF HAEMOPHILUS DUCREYI
Diane M Janowicz, Indiana University, USA

Irving Hoffman, UNC/Malawi Group, University of North Carolina, USA

Etienne Müller, National Institute for Communicable Diseases, South Africa

15:45  Discussion
Moderator: Stan Spinola, University of Indiana, USA

16.00  Finish

Epidemiology and prevention of STDs: The Role of Emergent Properties and Structural Patterns

Organised by: Sevgi O.Aral and James Blanchard

Time: 10:00 – 17:00

Room: Mountbatten Room

Chairs: Judith Wasserheit (University of Washington, Seattle, USA)
Stephen Moses (University of Manitoba, Winnipeg, USA)

Programme:

10:00  INTRODUCTION TO EMERGENT PROPERTIES, PARTNERING PATTERNS AND CLUSTERING
James Blanchard

10:25  POPULATIONS AND PARTNERSHIPS – INSIGHTS FROM METAPOPULATION & PAIR MODELS INTO SOME POSSIBLE DRIVERS OF GONOCOCCAL EPIDEMIOLOGY
Mark Chen

10:50  POPULATION-LEVEL DETERMINANTS OF HIV PREVALENCE IN CONCENTRATED HIV EPIDEMICS: SIMULATED AND EMPIRICAL ECOLOGICAL ANALYSES IN FOUR SOUTHERN INDIAN STATES
Marie Claude-Boily

11:15  REMODELLING THE CORE GROUP: FACTORING MOBILITY AND POWER INTO THEORIES OF HIV TRANSMISSION
Charlotte Watts

Harrell Chesson

12:05  THE DISTRIBUTION OF SEXUAL BEHAVIORS IN THE UNITED STATES
Jami Leichliter

12:30  OWN, PARTNERS’ AND MUTUAL NON-MONOGAMY AS RISK FACTOR FOR STI TRANSMISSION, ACQUISITION AND SPREAD
Sevgi Aral
Addressing Chlamydia testing needs
Abbott RealTime CT & CT/NG

Simplicity
One ready-to-use collection device for multiple specimen types

Sample Validity
High extraction quality with true internal control

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Broad IVD assay menu and laboratory defined assays

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13:00 Lunch

14:00 INTRODUCTION TO ROLE OF SEXUAL NETWORKS IN TRANSMISSION DYNAMICS
Geoff Garnett

14:25 NON-MONOGAMY AND STI RISK AMONG A RANDOM SAMPLE OF 2303 YOUNG ADULTS AND THEIR PARTNERS IN PERU
Fredy Canchihuaman (Presented by King Holmes)

14:50 A SEXUAL NETWORK PERSPECTIVE ON STI TRANSMISSION IN MANITOBA, CANADA
John Wylie

15:15 NETWORKS AND NEIGHBORHOODS: MULTILEVEL DETERMINANTS OF STDs
Caroline Fichtenberg

15:40 EXPLORING THE SEXUAL NETWORKS OF MEN WHO HAVE SEX WITH MEN (MSM) AND TRANSGENDER INDIVIDUALS IN THREE CONTRASTING DISTRICTS OF KARNATAKA
Robert Lorway

16:05 EMERGENT PROPERTIES OF HIV RISK AMONG IDUS IN TALLINN, ESTONIA – SYNTHESIS OF INDIVIDUAL, NETWORK, AND NEIGHBORHOOD-LEVEL FACTORS
Anneli Uusküla

16:30 THE ROLE OF BRIDGING COMMUNITIES IN THE STI TRANSMISSION DYNAMICS
Yoosik Youm

Monday 29 June

Organised by: Sarah Hawkes (London School of Hygiene and Tropical Medicine, London, UK)
Time: 11:00–12:30
Room: Mountbatten Room
Chair: Francis Ndowa (World Health Organization, Geneva, Switzerland)

Programme:

WORLD HEALTH ORGANIZATION (WHO) 2005 GLOBAL ESTIMATES OF THE INCIDENCE AND PREVALENCE OF SEXUALLY TRANSMITTED INFECTIONS (STIs)

WHERE WE STAND ON CONGENITAL SYPHILIS ELIMINATION EFFORTS: PROGRESS TOWARD EFFECTIVE PROGRAM IMPLEMENTATION IN COUNTRY SETTINGS
Mary Kamb (Centers for Disease Control & Prevention, Atlanta, USA)

ELIMINATING CONGENITAL SYPHILIS: MAKING WHAT WORKS ACCESSIBLE TO ALL
Sarah Hawkes (London School of Hygiene and Tropical Medicine, London, UK)

USE STILLBIRTH RATES FROM DHS TO ASCERTAIN COUNTRY-SPECIFIC IMPACT OF CONGENITAL SYPHILIS ELIMINATION: WHICH COUNTRIES LIKEELY HAVE GREATEST IMPACT?
Fuje Xu (Centers for Disease Control and Prevention, Atlanta, USA)

THE GLOBAL DISEASE BURDEN OF CONGENITAL SYPHILIS: ESTIMATED ANNUAL DISABILITY-ADJUSTED LIFE YEARS
Harrell Chesson (Centers for Disease Control and Prevention, Atlanta, USA)

New Horizons in STI testing
Organised by: Abbott Molecular
Time: 16:30–17:30
Room: Elizabeth Windsor
Chair: Dr. Barbara Van Der Pol, Indiana University School of Medicine, Indianapolis, Indiana, USA

Programme:

TALK 1 WHAT’S NEW ON THE HORIZON ON CHLAMYDIA AND GONORRHEA TESTING GUIDELINES?
Dr. John Papp, Division of STD Prevention, Center for Disease Control and Prevention, Atlanta, Georgia, USA

TALK 2 EXPANDING OUR HORIZONS: A VARIETY OF SAMPLE COLLECTION POSSIBILITIES FOR CHLAMYDIA AND GONORRHEA SCREENING
Dr. Barbara Van Der Pol, Indiana University School of Medicine, Indianapolis, Indiana, USA

TALK 3 EVALUATION OF ABBOTT REALTIME HIGH RISK HPV – A NEW OPTION WITH ADDED VALUE TO HPV DNA TESTING
Dr. Klara Abravaya, Abbott Molecular; Des Plaines, Illinois, USA

New Directions for Point-of-Care HIV Rapid Tests: Advances and Challenges
Organised by: Diagnostics for the Real World Ltd in collaboration with the University of Cambridge
Time: 12:40–13:50
Room: Fleming
Chairs: Dr Bernard Branson & Professor J-P Allain

12:40 NEW DIRECTIONS FOR EARLIER HIV DIAGNOSIS
Bernard Branson (Center for Disease Control (CDC), Atlanta, USA)

13:00 SAMBA, A POINT-OF-CARE NUCLEIC ACID PLATFORM
Helen Lee (Diagnostics Development Unit, University of Cambridge, UK)

13:20 EVALUATION OF HIV-SAMBA IN CLINICAL SAMPLES
Ines Ushiro-Lumb (Dept of Virology, Barts & The London NHS Trust)

13:35 Discussion
Bridging the gap between diagnosis and treatment

A new generation of rapid tests

- Unique and high-performance Chlamydia Rapid Test
- Non-invasive samples
  - Self-collected vaginal swab for women
  - First-void urine for men collected by FirstBurst®
- FirstBurst® - winner of Medical Futures Innovation Award
- Coming soon
  - Hepatitis B surface antigen (HBsAg) rapid test
  - HIV/HBsAg duplex rapid test
  - SAMBA - point-of-care nucleic acid platform
**From Efficacy to Effectiveness Research: The Safe in the City Model**

Organised by: Cornelis Rietmeijer (Denver Public Health Department, Denver, USA)

Time: 14:00–15:30

Room: Westminster Suite

Chair: Cornelis Rietmeijer, MD, PhD, Denver, USA and Lee Warner, PhD, Atlanta, USA

**Synopsis**

Safe in the City (SITC) is a 23-minute STI clinic waiting room intervention that, in a rigorous controlled intervention trial, was shown to reduce new STIs by close to 10%. The intervention trial was unique in the sense that it involved the entire population of three U.S. STI clinics during the study period. Since the outcomes of the study were published in June 20081, the Centers for Disease Control and Prevention have packaged and disseminated the intervention through its Diffusion of Effective Behavioral Interventions (DEBI) program. To date, the SITC intervention package has been ordered by over 1,500 clinics and an early evaluation study suggests that close to 40% of clinics ordering the package are actually playing the video, exposing an estimated 1.5 million individuals to the intervention annually. The purpose of this symposium is to discuss the methodology of the SITC trial as a model of effectiveness research, including a formative phase that involved a collaborative research approach with extensive input from the target population; the effectiveness study that involved 40,000 STI clinic patients over a two-year time period, and the post-research implementation and evaluation phase that is still ongoing. During the symposium, the video will be shown in its entirety.


**Programme:**

1. **Video Fragment #1 Paul and Jasmine (10 minutes)**
2. **DEVELOPMENT OF THE INTERVENTION (15 minutes)**
   - Speaker: Kees Rietmeijer (Denver Public Health Department, Denver, USA)
3. **Video Fragment #2: How to Use a Condom (2 minutes)**
4. **ASSESSMENT OF INTERVENTION EFFECTIVENESS**
   - (20 minutes)
   - Speaker: Lee Warner (Centers for Disease Control and Prevention, Atlanta, USA)
5. **Video Fragment #3: Theresa and Luis (5 minutes)**
6. **DIFFUSION OF THE INTERVENTION IN THE U.S.**
   - (15 minutes)
   - Speaker: Doug Richardson (Denver Public Health Department, Denver, USA)
7. **Video Fragment #4: Christina and Ruben (6 minutes)**
8. **Discussion (15 minutes)**
   - Moderator: Kees Rietmeijer (Denver, USA)
   - Panel: Lee Warner (Atlanta, USA) and Doug Richardson (Denver, USA)

**Economic Livelihoods and STI/HIV Prevention for Orphan Girls in Zimbabwe—SHAZ! Phase II**

Organised by: Megan S. Dunbar, DrPH, RTI International, Pangaea Global AIDS Foundation, San Francisco, CA

Time: 16:00–17:00

Room: Westminster Suite

Chair: Nancy S. Padian, PhD

RTI International, San Francisco CA
Pangaea Global AIDS Foundation
University of California, Berkeley

Presenters:
Megan S. Dunbar, DrPH
RTI International
Pangaea Global AIDS Foundation
San Francisco, CA

Mi-Suk Kang Dufour, MPH, PhD Candidate
University of San Francisco, CA

Imelda Mudekunye-Mahaka, BSW
UZ-UCSF Research Programme in Women’s Health
Harare, Zimbabwe

**Programme:**

Introduction – N.S. Padian

Context and Rationale for SHAZ!

Presentation 1 – M.S. Dunbar
Background and Baseline SHAZ! Results

“SHAZ!” PHASE II: STRUCTURAL RISK FACTORS AND HIV/STI RISK AMONG ADOLESCENT FEMALE ORPHANS IN ZIMBABWE

Dunbar, M; Kang, M; Assefa, H; Laver, S; Mudekunye, I; Nhamo, D; Padian, N

Presentation 2 – M. Kang Dufour
Effects of the SHAZ! Phase II Intervention

“SHAZ!” PHASE II: POTENTIAL EFFICACY OF AN ECONOMIC AND LIFE SKILLS INTERVENTION TO MITIGATE STRUCTURAL RISK AMONG FEMALE ORPHANS IN ZIMBABWE

Kang, M; Dunbar, MS; Assefa, H; Laver, S; Nhamo, D; Padian, N

“SHAZ!” PHASE II: POTENTIAL EFFICACY OF A COMBINED ECONOMIC AND LIFE SKILLS INTERVENTION TO PREVENT HIV/STI INFECTION AMONG FEMALE ORPHANS IN ZIMBABWE

Dunbar, M; Kang, M; Assefa, H; Laver, S; Mudekunye, I; Nhamo, D; Padian, N

Presentation 3 – I. Mudekunye-Mahaka
Implementation Challenges

DETERMINANTS OF INTERVENTION TRAINING COMPLETION AMONG ADOLESCENT FEMALE ORPHANS ENROLLED IN AN ECONOMIC AND LIFE SKILLS INTERVENTION IN ZIMBABWE

Kang, M; Dunbar, MS; Assefa, H; Laver, S; Mudekunye, I; Nhamo, D; Padian, N

Discussion – N.S. Padian

Implications and Future Directions
Is it possible for one system to handle all these different samples?

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Siemens now offers an advanced real-time molecular testing solution designed to meet your current and future demands. Imagine one platform that handles the widest range of sample types. Plus automated sample extraction technology provides more accurate results and maximum versatility. Get your hands on the VERSANT® kPCR Molecular System* today: www.siemens.com/diagnostics-versatility

Answers for life.
The Controversy of Counting the Real Cost of HPV … Warts and All
Organised by: Sanofi Pasteur MSD
Time: 17:00–18:00
Room: Westminster Suite
Chair: Dr Angela Robinson (Consultant in GU Medicine, Camden PCT, London)
Speakers: Professor Christopher Fairley (Professor of Sexual Health, University of Melbourne)
Dr Colm O’Mahony (Consultant in Sexual Health at the Countess of Chester Foundation Trust Hospital)

NEW SOLUTIONS FOR CT & GC DIAGNOSTICS
Organised by: Siemens Healthcare Diagnostics
Time: 17:00–18:00
Room: Elizabeth Windsor
Chair: Dennis Ferrero (MPH, University of the Pacific, Former California Public Health Official, California, USA)

Programme:
SEXUALLY TRANSMITTED DISEASE: PUBLIC HEALTH STRATEGIES AND MOLECULAR DIAGNOSTICS
Prof. Dennis V. Ferrero, MPH (University of the Pacific, Former California Public Health Official, California, USA)

PERFORMANCE OF THE NEW KINETIC AMPLIFICATION-BASED ASSAY FOR DETECTION OF CHLAMYDIA TRACHOMATIS (CT) AND NEISSERIA GONORRHOEAE (GC)
Dr. David Sherman, PhD (Siemens Healthcare Diagnostics, Berkeley, CA, USA)
Dr. Peter R. Kerndt, MD, MPH (Director Sexually Transmitted Disease Program Los Angeles, County Department of Public Health, USA)

MOLECULAR DIAGNOSTICS INNOVATIONS FOR SEXUALLY TRANSMITTED DISEASE MANAGEMENT
Mrs. Laura Apitz (Siemens Healthcare Diagnostics, Tarrytown NY, USA)
Tuesday 30 June

Insights and Advancements in Sexual Health Delivery
Organised by: GlaxoSmithKline
Time: 12:45–13:45
Room: Whittle
Chair: Dr Simon Barton (Chelsea & Westminster, London, UK)

Programme:
HPV IMMUNISATION - PROGRAMME IMPLEMENTATION REVIEW
Dr Philip Monk (Consultant in Health Protection - Health Protection Agency)

CERVARIX: ADVANCING WOMEN’S HEALTH
Dr Anne Szarewski (Clinical Consultant - Wolfson Institute of Preventive Medicine / The Margaret Pyke Centre)

THE SEXUAL HEALTH PIPELINE IN GSK
Dr Eric LeFevre (GlaxoSmithKline)
PREVEN: an urban community randomised trial
Organised by: Geoffrey Garnett (Imperial College London, UK)
Time: 14:00–15:30
Room: Westminster Suite
Chair: King K Holmes (University of Washington Seattle, USA)
Geoffrey Garnett (Imperial College London, UK)
Programme:
14:00 AN INTRODUCTION TO THE PREVEN STUDY
King K Holmes (University of Washington Seattle, USA)
14:10 THE PREVEN INTERVENTIONS
Patricia J Garcia (Universidad Peruana Cayetano Heredia, Lima, Peru)
14:20 SAMPLING STUDY POPULATIONS
Cesar Carcamo (Universidad Peruana Cayetano Heredia, Lima, Peru)
14:30 USA - BIOLOGICAL ENDPOINTS
William LH Whittington (University of Washington, Seattle)
14:40 TRIAL RESULTS
Patricia J Garcia (Universidad Peruana Cayetano Heredia, Lima, Peru)
15:00 Panel Discussion
R Hayes (London School Hygiene and Tropical Medicine, UK)
J Whitworth (The Wellcome Trust, UK)
G Garnett (Imperial College London, UK)
K Holmes (University of Washington, Seattle, USA)

New challenges for Chlamydia control in the European Union
Organised by: European Centre for Disease Prevention and Control (ECDC)
Time: 16:00–17:00
Room: Whittle
Chairs: Marita van de Laar (ECDC) & Helen Ward (Imperial College, UK)
Programme:
GUIDANCE FOR CHLAMYDIA CONTROL IN THE EUROPEAN UNION
Marita van de Laar, ECDC
SCIENTIFIC BASIS FOR CHLAMYDIA GUIDANCE
Helen Ward, UK
COMPARISON OF CHLAMYDIA TEST COVERAGE AND THE INTENDED OUTCOMES OF CHLAMYDIA CONTROL IN EUROPE
Nicola Low, Switzerland
REGISTER FOR LONG-TERM COMPLICATIONS AFTER USING HOME-SAMPLING FOR WIDESPREAD TESTING IN DENMARK
Berit Andersen, Denmark
CHALLENGES AND LESSONS FOR ACCURATE DIAGNOSTIC TESTING OF CHLAMYDIA TRACHOMATIS FOLLOWING THE DISCOVERY OF THE NEW SWEDISH VARIANT
Magnus Unemo, Sweden

BASHH Symposium: challenges in HIV care
Organised by: British Association for Sexual Health & HIV (BASHH)
Time: 16:00–17:00
Room: Mountbatten Room
Chairs: Dr Imtyaz Ahmed (President of BASHH) and Dr Keith Radcliffe (Vice President of BASHH)
Programme:
HOW CAN WE OVERCOME THE BARRIERS TO OFFERING ROUTINE HIV TESTS IN ALL HEALTHCARE SETTINGS?
Dr Simon Barton (Chelsea and Westminster Hospital, London, UK)
HOW SHOULD HIV PHYSICIANS BE PREPARING TO MANAGE HIV IN THE NEXT DECADE?
Professor Fiona Mulcahy (St James’ Hospital, Dublin, Ireland)
CAN AN HIV VIRAL LOAD EVER BE LOW ENOUGH FOR SEXUAL TRANSMISSION NOT TO BE A HAZARD
Dr Martin Fisher (Lawson Unit, Brighton, UK)
PEP AND PrEP – WHERE ARE WE NOW?
Dr Paul Benn (Mortimer Market Centre, London, UK)

Impact of new technologies and specimen types in the detection and clinical diagnosis of STI
Organised by: BD Diagnostics, Molecular Diagnostics
Time: 17:00–18:00
Room: Elizabeth Windsor
Chair: Member of the Scientific Committee and Irene Hannet, MD, (Medical Director BD Diagnostics Systems Europe)
Programme:
OPPORTUNITIES FOR IMPROVED CLINICAL OUTCOMES THROUGH NAATS TESTING FOR NEISSERIA GONORRHOEAE AND CHLAMYDIA TRACHOMATIS
Dr. Edward W. Hook III, MD
Professor of Medicine and Epidemiology
University of Alabama, Birmingham Alabama, USA
VAGINAL SWABS: THE RECOMMENDED SPECIMEN TYPE FOR CT/GC SCREENING IN WOMEN
Barbara Van Der Pol, PhD, MPH
Director of Research, Marion County STD Control Program
Director, Infectious Diseases Laboratory
Assistant Research Professor
Indiana University School of Medicine
Rising prevalence and a better understanding of underlying health risks are increasing the demand for testing of (CT) and (GC). This demand comes at a time when physicians are challenged by the pressure to improve healthcare quality and require accurate and reliable results.

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- Full range of sample types: On-board sample extraction handles vaginal, endocervical, male urethral swabs, urine, and liquid-based cytology*.
- Extended specimen storage and transport: 30 days at ambient temperature for swabs and urine (Qx UPT)

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**Wednesday 1 July**

**American STD Association Award Presentations & Luncheon**

Organised by: American STD Association  
Time:  12:45–13:45  
Room: Fleming  
Chair: Jeanne Marrazzo, MD, MPH and Bradley Stoner, MD, PhD

Each year, the ASTDA recognizes outstanding contributions to the field of STD-related research and prevention by designating recipients of three awards. The **Thomas Parran Award** is presented annually to a member for long and distinguished contributions in the field of STD research and prevention. The **ASTDA Achievement Award** is presented annually for a single recent major achievement in the field of STD research and prevention, or to a member at mid-career to acknowledge an outstanding body of research in sexually transmitted diseases. The **ASTDA Young Investigator Award** is presented annually to an outstanding investigator in the field of STD who is no more than five years beyond fellowship training.

**Programme:**

**Presentation of ASTDA Young Investigator Award** to Khalil Ghanem, MD, Assistant Professor, Division of Infectious Diseases, Johns Hopkins University School of Medicine

**Presentation of ASTDA Achievement Award** to Dennis Fortenberry, MD, Professor of Pediatrics, Indiana University School of Medicine

**Presentation of Parran Award** to Sharon Hillier, PhD, Professor of Obstetrics, Gynecology and Reproductive Sciences, University of Pittsburgh

**PARRAN AWARD LECTURE: MY TOILS IN THE SECRET GARDEN**  
Sharon Hillier, PhD
Scientific Programme

Sunday 28 June

18.00-19.30 Opening Ceremony
Fleming & Whittle Room

Chairs: Cathy Ison (President ISSTDR)
Immy Ahmed (President BASHH)

Welcome
Cathy Ison and Immy Ahmed

STIs AND YOUNG PEOPLE
Introduction by Baroness Joyce Gould (Independent Advisory Group on Sexual Health & HIV, London, UK)
P J Taylor (Brook, London, UK)
Alaina Dingwall (Brook, London, UK)

Opening Plenary
Introduction by Anne Johnson (University College London, UK)

HIV/AIDS AND GLOBAL HEALTH, 2009
Kevin De Cock (World Health Organisation, Geneva, Switzerland)

19.30-21.00 Welcome Reception
Benjamin Britten Lounge & Mountbatten Lounge

Monday 29 June

08.15-09.00 Breakfast debate
Westminster Suite

GAY CIVIL RIGHTS REDUCE HIV AND STI TRANSMISSION
Chair: John Imrie, PhD, (Africa Centre For Health and Population Sciences, University of KwaZulu-Natal, KwaZulu-Natal, South Africa)

Speakers: Graham Hart (University College London, London, UK)
Paul Ward (Terrence Higgins Trust, London, UK)

09.00-10.30 Plenary session
Fleming & Whittle Room

Chairs: Francis Ndowa (World Health Organization, Geneva, Switzerland)
Anne Johnson (University College London, UK)

MODERNIZING US DOMESTIC HIV/STI PREVENTION POLICY FOR EVOLVING EPIDEMICS
Kevin Fenton (Centers for Disease Control and Prevention, Atlanta USA)

GENITAL INFECTIONS, MUCOSAL IMMUNOLOGY AND HIV TRANSMISSION
Rupert Kaul (University of Toronto, Toronto, Canada)

CAN WE ELIMINATE CERVICAL AND OTHER HPV RELATED CANCERS?
Suzanne Garland (The Royal Women's Hospital, Melbourne, Australia)

11.00-12.30 Oral session: Dynamics of transmission of HPV
Fleming Room

Chair: Geoffrey Garnett (Imperial College London, UK)
Co-chair: Noel Gill (Health Protection Agency, London, UK)

OS1.1.01 WORLDWIDE GENOTYPE DISTRIBUTION IN 10,289 CASES OF CERVICAL CANCER
de Sanjose, S; Tous, S; Alemany, L; Klaustermeier, J; Lloveras, B;
Guimara, N; Alejo, M; Vergara, M; Quiros, B; Monfulleda, N; Quint, W;
Molina, A; Munoz, N; Bosch, F

Unit of Infections and Cancer, Cancer Epidemiology Research Programme,
Catalan Institute of Oncology, L'Hospitalet de Llobregat, Barcelona, Spain

OS1.1.02 HIGH PREVALENCE OF GENITAL HUMAN PAPILLOMAVIRUS (HPV) IN SEXUALLY ACTIVE YOUNG WOMEN IN ENGLAND PRIOR TO HPV IMMUNISATION PROGRAMME
Howell-Jones, R; de Silva, N; Alpan, M; Beddows, S; Nichols, T;
Skidmore, S; Gill, N; Soldan, K

Health Protection Agency, London, UK

OS1.1.03 MONITORING HPV TYPE-SPECIFIC PREVALENCE OVER TIME THROUGH CLINIC-BASED SURVEILLANCE
Gaffga, N; Stemberg, M; Shlay, J; Hagensee, M; Ghanem, K; Koutsky, L;
Kerndt, P; Hus, K; Unger, E; Weinstock, H; Datta, D

Centers for Disease Control and Prevention, Atlanta, GA, USA

OS1.1.04 PREVALENCE AND BETWEEN-PARTNER CONCORDANCE OF HUMAN PAPILLOMAVIRUS (HPV) INFECTION AMONG COUPLES IN A NEW SEXUAL RELATIONSHIP
Burchell, A; Hanley, J; Tellier, PP; Coutué, F; Franco, EL

McGill University, Montreal, Canada

OS1.1.05 PATTERNS OF CLEARANCE OF HPV-16 INFECTION AND IMPACT OF VACCINATION
Baussano, I; Vineis, P; Garnett, G; Ronco, G

Imperial College, London, UK

OS1.1.06 RISK OF HIV ACQUISITION AMONG MEN WITH AND WITHOUT HUMAN PAPILLOMAVIRUS INFECTION IN KISUMU, KENYA
Smith, J; Moses, S; Parker, CB; Hudgens, M; Agot, K; Maclean, I;
Ndinya-Achola, JO; Snijders, PJF; Meijer, C; Bailey, RC

Department of Epidemiology, Chapel Hill, North Carolina, USA

11.00-12.30 Oral session: Risk behaviour in MSM

Whittle Room

Chair: Graham Hart (University College London, UK)
Co-chair: Kevin Fenton (Centers for Disease Control and Prevention, Atlanta USA)

OS1.2.01 THE IMPACT OF HIV RISK REDUCTION BEHAVIOURS ON SEXUALLY TRANSMISSIBLE INFECTIONS IN HIV NEGATIVE HOMOSEXUAL MEN
Lin, F; Prestage, GP; Templeton, DJ; Donovan, B; Imrie, J; Kippax, SC;
Mindel, A; Cunningham, A; Cunningham, P; Kaldor, JM; Grulich, AE

National Centre in HIV Epidemiology and Clinical Research, UNSW,
Darlinghurst NSW, Australia

OS1.2.02 RISK FACTORS AMONG AFRICAN AMERICAN MEN WHO HAVE SEX WITH MEN IN THE UNITED STATES, 2005-2007
Weinstock, L; Su, J; Hoover, K; Green, L; Carey, D

CDC, Atlanta, USA
**OSI.2.03** TRANSMISSION DYNAMICS OF HIV AMONG MEN WHO HAVE SEX WITH MEN IN SOUTHERN INDIA: INSIGHTS FROM MATHEMATICAL MODELLING

Johnson, HC; Foss, AM; Vickerman, PT; Phillips, AE; Williams, JR; Watts, R; Anthony, J; Gurav, K; Ramesh, BM; Lowndes, CM; Boly, MC; Washington, R; Moses, S; Bradley, JE; Alary, M; Watts, CH

London School of Hygiene & Tropical Medicine, London, UK

**OSI.2.04** TRENDS IN SEXUAL BEHAVIOUR AMONG LONDON GAY MEN BETWEEN 1998 AND 2008

Lattimore, S; Thornton, A; Delpech, V; Elford, J

Health Protection Agency, Centre for Infection, Colindale, London, UK

**OSI.2.05** ETHNICITY, SEXUALITY AND SEXUAL BEHAVIOUR: A NATIONAL STUDY OF MEN WHO HAVE SEX WITH MEN IN BRITAIN

Elford, J; McKeown, E; Nelson, S; Low, N; Anderson, J

City University, London, UK

**OSI.2.06** RECENT HIV TESTING AMONG GAY MEN IN SCOTLAND, UK (1996-2005): TRENDS, RISK BEHAVIOURS AND IMPLICATIONS FOR HIV PREVENTION

McDaid, L; Flowers, P; Knussen, C; Hart, G

MRC Social & Public Health Sciences Unit, Glasgow, UK

**11.00-12.30 Oral session: Advances in Immunology of STIs**

Elizabeth Windsor Room

Chair: Teresa Lagergård (Göteborg University, Sahlgrenska Academy, Göteborg, Sweden)

Co-chair: Anna Wald (University of Washington, Seattle, USA)

**OSI.3.01** ASSOCIATIONS OF CD38 AND IL-4R GENE POLYMORPHISMS WITH GENITAL CHLAMYDIA OUTCOMES PRIOR TO TREATMENT

Geiser, W; Shao, W; Song, W

University of Alabama at Birmingham, Birmingham, USA

**OSI.3.02** PGP 3 ANTIBODY ELISA: A SENSITIVE AND SPECIFIC ASSAY FOR THE SEROEPIDEMIOLOGY OF CHLAMYDIA TRACHOMATIS INFECTION

Wills, GS; Horner, PL; Reynolds, R; Johnson, AM; Muir, DA; Brown, DW; Winston, A; Broadbent, A; Parker, D; McClure, MO

Imperial College London, London, UK

**OSI.3.03** CYTOKINE GENE POLYMORPHISM AND C. TRACHOMATIS SPECIFIC IMMUNE RESPONSE

Paxvonen, J; Ohman, H; Tiitinen, A; Halttunen, M; Surcel, H-M

Department of Obstetrics and Gynecology, Helsinki, Finland

**OSI.3.04** IGG THAT BINDS AN INTERNAL PARAGLOBSYL LIPOOLIGOSACCHARIDE (LOS) ANTIGEN CONtributes TO RESISTANCE TO GNOCOCOCAL INFECTION IN MEN.

Griffis, M; Ghanem, K; Melendez, J; Zenilman, J

1. Laboratory Medicine, University of California, San Francisco, USA; 2. Johns Hopkins Medical Institute, Baltimore, USA

**OSI.3.05** HLA A*01 AND B*08 ARE ASSOCIATED WITH INCREASED GENITAL HSV-2 SHEDDING

Wald, A; Magaret, AS; John, M; Mallal, S; Corey, L; Koelle, DM

University of Washington and Fred Hutchinson Cancer Research Center, Seattle, USA

**OSI.3.06** INTERACTION OF TREPONEMA PALLIDUM WITH MICROGLIAL CELLS

Marangoni, A; Accardo, S; Moroni, A; Cevenini, R

Dipartimento di Ematologia e Scienze Oncologiche, Bologna, Italy

**14.00-15.30 Oral session: Of mice and men: Pathogenesis of STIs**

Fleming Room

Chair: Stan Spinola (Indiana University School of Medicine, Indianapolis, USA)

Co-chair: Anne Jerse (Uniformed Services University of the Health Science, Bethesda, MD, USA)

**OSI.1.01** SUCCESSFUL COINFECTION OF FEMALE MICE WITH NEISERIA GONORROEAE AND CHLAMYDIA MURIDARUM

Vonck, R; Danville, T; O’Connell, CM; Jerse, AE

Uniformed Services University, Bethesda, USA

**OSI.1.02** EVALUATION OF A PRIMATE MODEL FOR MYCOPLASMA GENITALIUM INFECTION

Totten, PA; Wood, GE; Cosgrove Sweeney, YT; Cummings, PK; Patton, DL

University of Washington, Seattle, USA

**OSI.1.03** CUMULATIVE EXPERIENCE WITH EXPERIMENTAL INFECTION WITH HAEMOPHILUS DUCREYI IN HUMAN VOLUNTEERS

Janowicz, DM; Ofner, S; Katz, B; B. Spinola, S.M.

Indiana University School of Medicine, Indianapolis, USA

**OSI.1.04** A NOVEL MATHEMATICAL MODEL OF MUCOSAL HERPES SIMPLEX VIRUS-2 PATHOGENESIS

Schiffer, JT; Abu-Raddad, L; Mark, KE; Selke, S; Wald, A; Corey, L

University of Washington, Seattle, WA, USA

**OSI.1.05** INTRACELLULAR MYCOPLASMA GENITALIUM INFECTION OF VAGINAL AND CERVICAL EPITHELIA RESULTS IN INFLAMMATION AND PROTECTION FROM MACROPHAGE PHAGOCYTOSIS

McGowan, C; Popov, VL; Pyles, RB

University of Texas Medical Branch, Galveston, USA

**OSI.1.06** THE SAP TRANSPORTER CONTRIBUTES TO ANTI-MICROBIAL PEPTIDE RESISTANCE OF HAEMOPHILUS DUCREYI

Mount, KLB; Townsend, CA; Bauer, ME

Indiana University School of Medicine, Indianapolis, USA

**14.00-15.30 Oral session: Female Sex Workers & Clients**

Whittle Room

Chair: Frances Cowan (University College London, UK)

Co-chair: Michel Alary (Centre hospitalier affilié universitaire de Québec, Québec, Canada)

**OSI.6.01** NEW FACE OF FEMALE SEX WORK IN PAKISTAN: NEED FOR INNOVATIVE HEALTH SYSTEMS INTERVENTIONS

Riaz, N; Hawke, S; Collumber, M

Community Health Sciences Department, Aga Khan University Hospital, Karachi, Pakistan

**OSI.6.02** HIV RISK ASSOCIATED WITH MOBILE FEMALE SEX WORKERS IN THE CONTEXT OF JATRAS (FESTIVALS) IN KARNATAKA, INDIA

Hali, S; Buzdugan, R; Blanchard, J; Jain, A; Verma, R; Moses, S; Saggurti, N

University of Manitoba, Winnipeg, Canada

**OSI.6.03** CHARACTERIZING THE FACTORS ASSOCIATED WITH THE NUMBERS OF CLIENT PARTNERS OF FEMALE SEX WORKERS IN SOUTH INDIA: A GEOGRAPHIC COMPARISON

Deering, KN; Blanchard, JF; Moses, S; Shoveller, JA; Tyndall, MW; Ramesh, BM; Isac, S; Boly, M-C

University of British Columbia, Vancouver, Canada
OS1.6.04 SEX WORK IN A DECRIMINALISED AND UNLICENSED ENVIRONMENT: A 15 YEAR STUDY OF FEMALE SEX WORKERS IN SYDNEY, AUSTRALIA
Donovan, B; O’Connor; J; Wand, H; Harcourt, C; Lu, H; McNulty, AM
National Centre in HIV Epidemiology and Clinical Research, University of New South Wales, Sydney, Australia

OS1.6.05 TRENDS IN HIV/STI PREVALENCE AND CONDOM USE IN FEMALE SEX WORKERS (FSW) AND THEIR CLIENTS IN BENIN: POTENTIAL IMPACT OF A CHANGE IN INTERVENTION MODEL
Aliy, M; Minani, I; Lowndes, CM; Labbé, AC; Buvè, A; Behanzin, L; Boily, MC; Anagonou, S; Zannou, DM; Kintin, DJ; Ahoussinou, C
Centre hospitalier affilié universitaire de Québec, Québec, Canada

OS1.6.06 UNDERSTANDING MEN WHO FREQUENT SEX WORKERS IN HONDURAS: ESTIMATES AND TRENDS SHOW DECLINE IN CLIENTS BUT INCREASES IN HIGH-RISK BEHAVIOR, 2001-2005
Lee, J; Jacobson, JO; Tinajeros, F; Paz-Bailey, G
Centers for Disease Control and Prevention, Guatemala City, Guatemala; Centers for Disease Control and Prevention, Tegucigalpa, Honduras

14.00-15.30 Oral session: Social marketing and the future of prevention

Elizabeth Windsor Room
Chair: Baroness Joyce Gould (Independent Advisory Group on Sexual Health & HIV, London, UK)
Co-chair: Angela Robinson (Camden Provider Services, Consultant GU Medicine, London, UK)
Andrea Duncan (Department of Health, London, UK)

OS1.5.01 WHO ARE YOU? AUDIENCE SEGMENTATION FOR SOCIAL MARKETING AND SEXUAL HEALTH IN ENGLAND
Duncan, A; Jones, J
Department of Health, London, UK

OS1.5.02 INTERNET AND HOME COLLECTION TO SCREEN MALES WITH SELF-OBTAINED PENILE SWABS AND URINE FOR C. TRACHOMATIS, T. VAGINALIS, AND N. GONORRHOEAE
Gaydos, C; Barnes, M; Aumakhan, B; Agreda, P; Whittle, P; Jett-Goheen, M; Hogan, T
Div Infectious Diseases, Baltimore, USA

OS1.5.03 THE STI OUTPATIENT CLINIC ONLINE- THE USE AND EFFICACY OF A FULL-SCALE STI & HIV TESTING APPLICATION ONLINE
Koekenhier, RH; Fennema, JSA; Leent van, E; Zuilhof, W; Veen van der, E; Davidovich, U
Unit of online research, Department of research, Amsterdam Public Health Service, Amsterdam, Netherlands

OS1.5.04 EFFECT OF AN ONLINE VIDEO-BASED INTERVENTION TO INCREASE HIV TESTING IN MEN WHO HAVE SEX WITH MEN IN PERU
Blas, MM; Alva, IE; Carcamo, C; Cabello, R; Goodreau, SM; Kimball, AM; Kurth, AE
Universidad Peruana Cayetano Heredia, Lima, Peru

OS1.5.05 100 INNOVATIVE SEXUAL HEALTH PROMOTION IDEAS YOU CAN USE: A 10-MINUTE VISUAL TOUR
Bartley, L; Gilbert, L; Arndell, D; Wyand, F
American Social Health Association, Research Triangle Park, USA

Summary
John Imrie
Africa Centre For Health and Population Sciences, University of KwaZulu-Natal, KwaZulu-Natal, South Africa

14.00-15.30 Audit Highlights

St. James Suite
Chair: Sumit Bhaduri (Worcestershire PCT, Redditch, UK)
Hugo McLean (Consultant Physician in Sexual Health & HIV Medicine, Hull Teaching Primary Care NHS Trust, Hull, UK)

Format:
14.00-14.09 CONNECTING BASHH NATIONAL AUDITS TO LOCAL AUDIT AND PRACTITIONER APPRAISAL/RECERTIFICATION.
Dr Hugo McLean, BASHH National Audit Group

14.10-14.28 HIGHLIGHTS OF MAJOR FINDINGS AND ISSUES FROM THE PRESENTATIONS SUBMITTED.
Dr Sumit Bhaduri, Consultant GUM, Redditch, UK

14.30-15.00 Platform Presentations

AHO1 AUDIT OF SEXUAL HEALTH CARE OF HIV POSITIVE PATIENTS IN AN URBAN CENTRE
Heller, R; Fernando, J
University of Edinburgh, Edinburgh, UK

AHO2 AN AUDIT OF ANOGENITAL WART TREATMENT
Agarwal, N; Anumainayagam, J; Acharya, S
Walsall Centre for Sexual Health, Walsall, UK

AHO3 A RETROSPECTIVE CASE NOTES AUDIT OF THE MANAGEMENT OF SYPHILIS MEASURING PERFORMANCE AGAINST THE SYPHILIS GUIDELINES 2008
Ebanavaka, R; Challenor, R
GUM Department, Plymouth, UK

AHO4 AUDIT OF COMPLETION OF HEPATITIS B VACCINATION - A COMPARISON OF DIFFERING SCHEDULES
Bhaduri, S; Spice, W
Department of Sexual Health, Redditch, UK

15.01-15.15 Audience discussion

15.16-15.30 Informal poster networking (at numbered stations)

14.00-15.30 Oral session: Measuring Sexual Behaviour

Mountbatten Room
Chair: Anne Johnson (University College London, UK)
Co-chair: Charles Turner (City University of New York, Washington DC, USA)

OS1.8.01 PARTNERSHIP LENGTHS, CONCURRENY, AND GAPS BETWEEN CONSECUTIVE PARTNERSHIPS IN A MALAWIAN STI CLINIC
Powers, KA; Miller, WC; Hoffman, IF; Hosseinipour, M; Ghani, AC; Chilongozi, D; Martinson, FE; Cohen, MS
University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

OS1.8.02 RESPONDENT-DRIVEN SAMPLING TO ASSESS HIV AND STI AMONG INJECTION DRUG USERS IN ZANZIBAR (UNGUJA), TANZANIA
Dahoma, M; Johnston, L; Holman, A; Musa, M; Miller, L; Benga, A; Ofthman, A; Kendall, C; Kim, A
Zanzibar AIDS Control Programme, Ministry of Health and Social Welfare, Stonetown, Zanzibar, Tanzania

OS1.8.03 HIGHER LEVELS OF HIV-RELATED RISKY BEHAVIOUR IN POLLING BOOTHE SURVEYS COMPARED TO FACE-TO-FACE INTERVIEWS IN A GENERAL POPULATION SURVEY IN COTONOU
Minani, I; Alayi, M; Lowndes, C; Labbé, A; Buvey, A; Geraldo, N; Boily, M C; Anagonou, S; Zannou, D M
Dispensaire IST, Cotonou, Benin
OS1.8.04 USING PARTICIPATORY METHODS TO ASSESS COMMUNITY NORMS AND ATTITUDES TO MULTIPLE AND CONCURRENT SEXUAL PARTNERING IN RURAL ZIMBABWE
Muhyi, W; Langhaug, LF; Pascoe, SJ; Dirarrow, J; Hart, G; Cowan, FM
Department of Community Medicine, Harare, Zimbabwe

OS1.8.05 BIOMARKERS OF REPORTED CONDOM USE HIGHLIGHT LIMITS IN WIDELY USED BEHAVIORAL ASSESSMENTS
Minns, AM; Steiner, MJ; van der Statten, A; Hobbis, MM; Padian, NS
Women’s Global Health Imperative, RTI International, San Francisco, USA

OS1.8.06 IMPROVING EPIDEMIOLOGICAL SURVEYS OF SEXUAL BEHAVIOR CONDUCTED BY TELEPHONE
Turner, CF; Al-Tayyib, AA; Rogers, SM; Eggleston, E; Villarroel, MA; Roman, AM; Chromy, JR; Cooley, PC
City University of New York, (Queens College and the Graduate Center), Flushing, NY, USA

16.00-17.00 Oral session: Male circumcision
Fleming Room
Chair: Stephen Moses (University of Manitoba, Winnipeg, USA)
Co-chair: Richard Hayes (London School of Hygiene and Tropical Medicine, London, UK)

OS1.9.01 ADULT MALE CIRCUMCISION AND RISK OF INCIDENT NON-ULCERATIVE SEXUALLY TRANSMITTED INFECTIONS: RESULTS FROM A RANDOMIZED CONTROLLED TRIAL IN KENYA
Mehta, S; Moses, S; Agot, K; Parker, CB; Ndinya-Achola, JO; Maclean, I; Bailey, RC
University of Illinois Chicago, Chicago, USA

MALE CIRCUMCISION FOR PREVENTION OF STI OTHER THAN HIV: CURRENT EVIDENCE
Helen Weiss
London School of Hygiene and Tropical Medicine, London, UK

OS1.9.03 OPTIONS FOR THE INTEGRATION OF MALE CIRCUMCISION INTO THE COMPREHENSIVE HIV PREVENTION PACKAGE – A POLICY ANALYSIS FOR THE EAST AFRICAN COMMUNITY
Muthoni, L; Mwaniki, D; Kinyari, T
Kenya Medical Research Institute (KEMRI),Centre for Public Health Research(CPHR), Nairobi, Kenya

MALE CIRCUMCISION FOR HIV PREVENTION: OPERATIONAL RESEARCH PRIORITIES
Catherine Hankins (UNAIDS, Geneva, Switzerland)

16.00-17.00 Oral session: Interventions for MSM
Whittle Room
Chair: Jonathan Elford (City University London, UK)
Co-chair: John Imrie (Africa Centre For Health and Population Research(CPHR), Nairobi, Kenya)

OS1.10.01 NO INCREASE IN HIV OR STI TESTING FOLLOWING A SOCIAL MARKETING CAMPAIGN AMONG MEN WHO HAVE SEX WITH MEN IN AUSTRALIA
Hellard, M; Goller, J; Leslie, D; Thorpe, R; Grierson, J; Batrouney, C; Kennedy, M; Lewis, J; Fairley, C; Ginge, S; Zablotska, I; Goz, R
Centre for Epidemiology and Population Health Research, Burnet Institute, Melbourne, Australia

OS1.10.02 PREFERENCE BETWEEN PREEXPOSURE PROPHYLAXIS (PREP) AND TOPICAL RECTAL MICROBICIDES TO PREVENT HIV INFECTION IN PERUVIAN MSM
Segura, P; Galea, J; Peinado, J; Lama, JR; Gonzales, M; Klonda, K; Sanchez, I
Investigaciones Medicas en Salud, Lima, Peru

OS1.10.03 SCREENING FOR SYPHILIS AS PART OF HIV MONITORING INCREASES DETECTION OF ASYMPTOMATIC SYPHILIS AMONG HIV INFECTED MEN WHO HAVE SEX WITH MEN
Bissessor, M; Fairley, CK; Leslie, DE; Boyd, K; Chen, MY
Melbourne Sexual Health Centre, Carlton, Australia

OS1.10.04 AN INNOVATIVE ONLINE HIV PREVENTION CAMPAIGN FOR MEN WHO HAVE SEX WITH MEN ON WORLD AIDS DAY 2008
Novak, DS; Chiasson, M; Shuchat Shaw, F; Miller, S; Ahlberg, T
Online Buddies, Inc., Cambridge, USA

16.00-17.00 Oral session: Molecular mechanisms of antibiotic resistance
Elizabeth Windsor Room
Chair: David Trees (Centers for Disease Control and Prevention, Atlanta, USA)
Co-chair: Sheila Lukehart (University of Washington, Seattle, USA)

OS1.11.01 RECENT EMERGENCE OF N. GONORRHOEAE ISOLATES WITH MOSAIC PBP2 AND ELEVATED ORAL CEPhALOSPORIN MIC — SAN FRANCISCO, 2008
Barry, PM; Pandori, MW; Wu, A; Klausner, JD
San Francisco Department of Public Health, San Francisco, USA

OS1.11.02 HORIZONTAL TRANSFER OF PEN A ALLEL BETWEEN TWO DIFFERENT LINEAGES OF NEISSERIA GONORRHOEAE
Ohnishi, M; Watanabe, Y; Shimuta, K; Watanabe, H
National Institute of Infectious Diseases, Shinjuku, Japan

OS1.11.03 PREVALENCE OF THE 23S RNA POINT MUTATION IN TREPONEMA PALLIDUM IN THE UNITED STATES AND ASSOCIATED FACTORS, 2006–2008
Su, J; Hook, E; Kenney, K; Erbelding, E; Wong, W; Jackson, D; Valway, S; Pierce, E; Klausner, J; Lee, J; Golden, M; Workowski, K; Chen, C; Weinstock, H
Division of Sexually Transmitted Disease Prevention, Atlanta, USA

OS1.11.04 DETECTION OF THE POINT MUTATION ASSOCIATED WITH AZITHROMYCIN RESISTANCE USING A REAL-TIME DUPLEX PCR AND TYPING OF TREPONEMA PALLIDUM IN THE U.S.
Pillay, A; Chen, CY; Chi, K-H; Nachamin, E; Su, JR; Ballard, RC
Centers for Disease Control, Atlanta, USA

16.00-17.00 Oral session: Innovative Partner notification methods
Mountbatten Room
Chair: Nicola Low (University of Bern, Switzerland)
Co-chair: Comelis Rietmeijer (Denver Public Health Department, Denver, USA)

OS1.12.01 HOW MUCH DOES PARTNERSHIP TYPE AFFECT THE PUBLIC HEALTH IMPACT OF A PARTNER NOTIFICATION SERVICE? APPLICATION OF AN EVIDENCE-BASED ALGORITHM.
Mercer, C; Aicken, C; Brook, MG; Estcourt, CS; Cassell, JA
Centre for Sexual Health and HIV Research, London, UK
OS1.12.02 EXPEDITED PARTNER THERAPY (EPT): A ROBUST INTERVENTION?
Shively, F; Kerani, RP; Hayes, K; Thomas, KK; Hughes, JP; Whittington, W; Holmes, KK; Handsfield, H; Golden, MR
University College Cork & University of Washington Centre for AIDS and STD Research, Cork, Ireland

OS1.12.03 ADHERENCE TO PATIENT DELIVERED PARTNER TREATMENT BY HIV-INFECTED WOMEN WITH TRICHOMONAS VAGINALIS
Kissinger, P; Mena, L; Levison, J; Clark, RA; Henderson, H; Rosenthal, S; Schmidt, N; Reilly, K; Gatski, M; Banes, T; Thomas, A; Martin, DH
Tulane University SPHTM, New Orleans, USA

OS1.12.04 CAN ACCELERATED PARTNER THERAPY (APT) IMPROVE OUTCOMES OF PARTNER NOTIFICATION (PN) FOR STIS IN THE UK? A FEASIBILITY STUDY & EXPLORATORY TRIAL
Ettouf, C; Sutcliffe, L; Cassell, J; Mercer, C; Copas, A; James, L; Symonds, M; Homer, P; Clarke, M; Roberts, TE; Tsourapas, A; Low, N; Johnson, AM
Barts & The London School of Medicine & Dentistry, Queen Mary University of London, London, UK

17.00-18.00 Poster viewings I
Caxton Lounge

Tuesday 30 June

08.15-09.00 Breakfast debate
Westminster Suite
UNRESTRICTED AVAILABILITY OF PEPSE WILL INCREASE THE TRANSMISSION OF HIV?
Chair: Dr John Richens (Centre for Sexual Health and HIV Research, Research Department of Infection & Population Health, University College London, London, UK)
Speakers: Roel A. Coutinho, MD PhD (Director Centre for Infectious Disease Control, National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands)
Myron S. Cohen, MD (Director, UNC Center for Infectious Diseases, North Carolina, USA)

09.00-10.30 Plenary session
Fleming & Whittle Room
STI/HIV PREVENTION RESEARCH: THE AGONY, THE ECSTASY & THE FUTURE
Judith Wasserheit (University of Washington, Seattle, USA)
HARNESSING COMMUNICATION TECHNOLOGIES FOR STI CARE & PREVENTION
Kit Fairley (University of Melbourne, Carlton, Australia)
HEPATITIS C, AN EMERGING STI
Roel Coutinho (National Center for Infectious Disease Control and University of Amsterdam, the Netherlands)

11.00-12.30 Oral session: Sex, Sexuality & Culture
Fleming Room
Chair: Sir Nick Partridge (Terrence Higgins Trust, London, UK)
Co-chair: Sarah Hawkes (London School of Hygiene and Tropical Medicine, London, UK)

11.00-12.30 Oral session: Genital Herpes; dynamics & control
Whittle Room
Chair: Deborah Watson-Jones (London School of Hygiene and Tropical Medicine, London, UK)
Co-chair: Rajul Patel (University of Southampton, Southampton, UK)

INTRODUCTION
Sarah Hawkes (London School of Hygiene and Tropical Medicine, London, UK)

OS2.3.03 HIGH RATES OF HIV AND BISEXUALITY AMONG MSM IN JAMAICA ACT AS A BRIDGE FOR HIV INTO THE GENERAL POPULATION
Figueroa, JP; Weir, S; Jones-Cooper, C; Byfield, L; Hobbs, M; McKnight, I; Cummings, S
Dept of Community Health & Psychiatry, Kingston, Jamaica

OS2.3.04 THE DESCRIPTIVE EPIDEMIOLOGY OF MALE SEEX WORKERS IN PAKISTAN: AN INTEGRATED BIOLOGICAL AND BEHAVIOURAL INVESTIGATION
Shaw, S; Emmanuel, F; Abbas, S; Holte-Mckenzie, M; Adrien, A; Archibald, CP; Sandstrom, P; Blanchard, JF
Community Health Sciences, Winnipeg, Manitoba, Canada

OS2.3.05 “INFECTED AGAIN!!”: REPEAT SEXUALLY TRANSMITTED INFECTIONS AMONG PERFORMERS OF THE ADULT FILM INDUSTRY
Goldstein, BY; Steinberg, J; Aynalem, G; Kerndt, PR
Sexually Transmitted Disease Program, Los Angeles County Department of Public Health, Los Angeles, California, USA

OS2.3.06 IDENTIFICATION OF STD SPREAD WITHIN A SEXUAL NETWORK OF SWINGERS: SWAP STUDY
Niekamp, AM; Hoebe, CJP; Dukers-Muijers, NHTM
South Limburg Public Health Service, Geleen, Netherlands

OS2.2.01 INCIDENCE OF NEONATAL HERPES SIMPLEX VIRUS IN THE UNITED STATES, 2006
Flagg, EW; Weinstock, H
US Centers for Disease Control and Prevention, Atlanta, Georgia, USA

OS2.2.02 FROM NHANES 2001-2006: PREVALENCE OF SAME-SEX SEXUAL BEHAVIOR AND HSV-2 INFECTION IN WOMEN IN THE UNITED STATES--THE IMPORTANCE OF SEXUAL ORIENTATION
Xu, F; Steinberg, MR; Markowitz, LM
Division of STD Prevention, Atlanta, USA

OS2.2.03 TRENDS OF ANOGENITAL HSV-1 AND HSV-2 INFECTION IN BRITISH COLUMBIA, 1997-2005
Gilbert, M; Li, X; Hyeong-Jin Kim, P; Petric, M; Krajden, M; Isaac-Renton, J; Ogilvie, G; Rekart, M
BC Centre for Disease Control, Vancouver, Canada

OS2.2.04 EPISODIC THERAPY FOR GENITAL HERPES IN SUB-SAHARAN AFRICA: A POOLED ANALYSIS FROM THREE RANDOMISED CONTROLLED TRIALS
Weiss, H; Phiri, S; Paz Bailey, G; Gesenguet, G; LeGoff, J; Pepin, J; Lewis, D; Belec, L; Hoffman, I; Miller, WC; Maya, P
London School of Hygiene & Tropical Medicine, London, UK

OS2.2.05 APOE 4 HAS NO EFFECT ON GENITAL HSV SHEDDING OR LESIONS BUT IS ASSOCIATED WITH INCREASED ORAL LESIONS IN HSV-1 SEROPOSITIVE PERSONS
Wald, A; Magaret, AS; Selke, S; Koelle, DM
University of Washington and Fred Hutchinson Cancer Research Center, Seattle, USA
11.00-12.30 Oral session: Novel Chlamydia screening

Elizabeth Windsor Room
Chair: Gwenda Hughes (Health Protection Agency, London, UK)
Co-chair: Stuart Berman (Centers for Disease Control & Prevention, Atlanta, USA)

OS2.1.01 INCIDENCE AND CORRELATES OF ASYMPTOMATIC CHLAMYDIA AND GONORRHEA
Collab HIV/STD Prev Trial Grp, NIMH; Detels, R
NIMH/NHLBI, Bethesda, USA; Collaborative HIV/STD Prevention Trial Group, Bethesda, USA

OS2.1.02 APPLICATION OF CHLAMYDIA (CT) SCREENING CRITERIA TO THE NHANES SAMPLE, 1999-2006: WHICH ARE THE BEST PERFORMING CRITERIA?
Datta, SD; Johnson, R; Satterwhite, CL; Gift, T; Weinstock, H; Sternberg, M
Division of STD Prevention, Atlanta, GA, USA

OS2.1.03 WHO IS BEING TESTED BY THE ENGLISH NATIONAL CHLAMYDIA SCREENING PROGRAMME? A COMPARISON OF THOSE TESTED IN 2007/8 TO A POPULATION-BASED SURVEY.
Riha, J; Soldan, K; French, C; Macintosh, M
Microbiology and Epidemiology of STIs and HIV Department, London, UK

OS2.1.04 LOW UPTAKE OF ANNUAL CHLAMYDIA SCREENING IN US WOMEN
Heine, J; Tao, G; Kent, C; Low, N
Institute of Social and Preventive Medicine (ISPM), Bern, Switzerland; Centers for Disease Control & Prevention (CDC), Atlanta, USA

OS2.1.05 COMPUTER REMINDERS FOR CHLAMYDIA SCREENING IN GENERAL PRACTICE: A RANDOMISED CONTROLLED TRIAL
Walker, J; Walker, S; Fairley, CK; Gunn, J; Pirotta, M; Gunnin, L; Carter, R; Hocking, J
University of Melbourne, Melbourne, Australia

OS2.1.06 ARE WE REDUCING INEQUALITIES? THE TARGETING OF THE NATIONAL CHLAMYDIA SCREENING PROGRAMME (NCSP) IN THE SOUTH EAST OF ENGLAND
Johnson, S; Simms, I; Sheringham, J; Bickler, G; Bennett, CM; Hall, R; Cassell, JA
Health Protection Agency, South East Region, London, UK

11.00-12.30 Oral session: Novel diagnostics

Mountbatten Room
Chair: Tariq Sadiq (St George’s, University of London, UK)
Co-chair: Charlotte Gaydos (Johns Hopkins University, Baltimore, USA)

OS2.4.01 SEX IN THE CITY, SAFE OR NOT? 100 GENOME COPY: 30 SECOND STD SENSING PLATFORM
Aslan, K; Gaydos, CA; Agreda, P; Quinn, N; Jett-Goheen, M; Barnes, M; Geddes, CD
University of Maryland Biotechnology Institute, Baltimore, USA

OS2.4.02 DEVELOPMENT AND VALIDATION OF A MICROARRAY ENABLING SIMULTANEOUS DETECTION OF MULTIPLE SEXUALLY TRANSMITTED INFECTIONS
Pond, MJ; Hinds, J; Holdstock, J; Brenner, V; Anson, J; Newton, R; Wernisch, L; Butler, PD; Sadig, ST
St George’s, University of London, London, UK

OS2.4.03 COMPETITIVE INHIBITION RESULTING IN A FALSE NEGATIVE CHLAMYDIA NAAT IN CLINICAL PRACTICE
Read, PJ; Tapsall, JW; Bourne, C; Ray, S; Sloats, T; Whitey, D
Department of Genitourinary medicine & HIV, Guy’s & St Thomas’ NHS Foundation Trust, London, UK

OS2.4.04 ELECTROCHEMICAL DETECTION OF CHLAMYDIA TRACHOMATIS IN CLINICAL SAMPLES USING A NOVEL FERROCENE-BASED ELECTROCHEMICAL LABEL
Pearce, D; Dixon, A; Jenkins, T; Frost, C; Green, M
Atlas Genetics Ltd., Trowbridge, UK

OS2.4.05 DEVELOPMENT OF AN IMMUNOFILTRATION DEVICE FOR THE SIMULTANEOUS DETECTION OF NON-TREPONEMAL AND TREPONEMAL ANTIBODIES IN PATIENTS WITH SYPHILIS
Castro, AR; Mody, HC; Yeshwant, PS; Patel, MT; Kikkert, SE; Thompson, PM; Cox, D; Ballard, RC
Centers for Disease Control and Prevention, Atlanta, USA

OS2.4.06 DIAGNOSIS OF PHARYNGEAL GONORRHOEA BY TWO NAAT TESTS COMPARED WITH CULTURE
Van Dam, A; Bruisten, SM; Linde, I; De Vries, HJ
Public Health Laboratory, Amsterdam Health Service, Amsterdam, Netherlands

14.00-15.30 Oral session: Issues in HIV prevention

Fleming Room
Chair: Nancy Padian (Women’s Global Health Imperative, Distinguished Fellow, RTI International, San Francisco, USA)
Co-chair: Connie Celum (University of Washington, Seattle, USA)

INTRODUCTION: COMBINATION HIV PREVENTION
Connie Celum (University of Washington, Seattle, USA)

OS2.5.01 INTERPRETING HIV SURVEILLANCE: WHY WE NEED INCIDENCE & MORTALITY DATA
Weir, S; Slaymaker, E; Chirwa, T; Hoffman, I
Epidemiology, Chapel Hill, North Carolina, USA

OS2.5.02 CONDOM USE DECISION-MAKING BY HIV-POSITIVE BLACK CARIBBEANS BEFORE AND AFTER HIV DIAGNOSIS
Anderson, M; Solarin, I; Elam, G; Gerver, SM; Fenton, K; Easterbrook, P
University of the West Indies, Kingston, Jamaica

OS2.5.03 POLICING HIV: HOW POLICE FORCES AND SEXUAL HEALTH CLINICS INTERACTED DURING CRIMINAL INVESTIGATIONS OF HIV TRANSMISSION IN ENGLAND, 2004-2007
Power, L; Ward, P
Terrence Higgins Trust, London, UK

OS2.5.04 THE EFFECT OF HIV INFECTION ON TIME OFF WORK IN A LARGE COHORT OF GOLD MINERS WITH KNOWN DATES OF SEROCONVERSION
Sonnenberg, P; Copas, AJ; Glynn, JR; Besser, A; Nelson, G; Shearer, S; Murray, J
Department of Infection & Population Health, UCL, London, UK
OS2.5.06 IMPLEMENTING ‘COMBINED PREVENTION’ FOR HIV – WHAT ARE THE CHALLENGES IN THE REAL WORLD?
Imrie, J; Hart, G; Newell, M-L
National Centre in HIV Social Research - Australia, Sydney, Australia

14.00-15.30 Oral session: New perspectives in clinical management
Whittle Room
Chair: Hunter Handsfield (University of Washington, Battlelle Research, Seattle, USA)
Co-chair: Immy Ahmed (BASHH President, Nottingham, UK)

OS2.6.01 UROGENITAL TRACT MICROBIAL COMMUNITIES IN MALE STD CLINIC PATIENTS
Van Der Pol, B; Nelson, D; Berger, AK; Dong, Q; Soderen, E; Weinstock, G; Fortenberry, JD
Indiana University School of Medicine, Indianapolis, IN, USA; Indiana University, Bloomington, IN, USA; Washington University Genomic Center, St Louis, MO, USA

OS2.6.02 THE EFFECT OF METRONIDAZOLE ON THE RETURN RATE AMONG PATIENTS TREATED FOR URETHRAL DISCHARGE AT KAMUZU CENTRAL HOSPITAL, LILONGWE, MALAWI
Nyirenda, N; Kamanga, G; Brown, L; Mapanje, C; Jafali, R; Mkandawire, N; Martinson, F; Chilongozi, D; Hobbs, M; Cohen, MS; Hoffman, I
University of North Carolina Project, Lilongwe, Malawi, Lilongwe, Malawi

OS2.6.03 TO WHAT EXTENT DOES URETHRAL DISCHARGE IDENTIFY LABORATORY CONFIRMED GONORREAL AND CHLAMYDIAL INFECTION IN KISUMU, KENYA
Metho, SD; Moses, S; Agot, K; Parker, CB; Ndinya-Achola, J; Ochola, AR; Maclean, I; Bailey, RC
Epidemiology, University of Illinois Chicago, Chicago, USA

OS2.6.04 BACTERIOLOGICAL EFFICACY OF GATIFLOXACIN FOR MALE NON-GONOCOCCAL URETHRITIS: A JAPANESE CLINICAL TRIAL
Hamazza, R; Matsumoto, T; Tomono, K; Takahashi, S; Kiyota, H; Yasuda, M; Anakawa, S; Kikuchi, T; Muratani, T; Hayami, H
Department of Surgery, Division of Urology, Faculty of Medicine, University of Miyazaki, Miyazaki, Japan

OS2.6.05 HOW WELL IS PELVIC INFLAMMATORY DISEASE MANAGED IN PRIMARY CARE? PRELIMINARY RESULTS FROM A LARGE UK PRIMARY-CARE DATABASE
Nicholson, A; Rait, G; Mercer, CH; Hughes, G; Cassell, J
Division of Primary Care & Public Health, Brighton & Sussex Medical School, Brighton, UK

OS2.6.06 CHLAMYDIA AND GONORREA SCREENING, AND PELVIC INFLAMMATORY DISEASE DIAGNOSIS: CAN SIMPLE TIME SERIES ANALYSES PROVIDE SOME INSIGHTS?
Owusu-Edusei Jr., K; Bohn, MK; Chesson, HW; Kent, CK
Centers for Disease Control and Prevention, Atlanta, USA

OS2.7.01 MOLECULAR ANALYSIS OF QUINOLONE RESISTANT GONOCOCCI IN SOUTH AFRICA
Magooa, MP; Muller, EE; Gumede, L; Lewis, DA
STI Reference Centre, NICD, Johannesburg, South Africa

OS2.7.02 SEQUENCE TYPING OF LYMPHOGRAVULUMA VENEREUM SPECIMENS FROM THE UNITED KINGDOM: ARE THEY ALL THE SAME?
Alexander, S; Saunders, P; Chisholm, S; Ali, T; Powens, C; Ison, C
Health Protection Agency, London, UK

OS2.7.03 GENETIC VARIATION IN LYMPHOGRAVULUMA VENEREUM STRAINS FROM MEN WHO HAVE SEX WITH MEN DETERMINED BY MULTI LOCUS SEQUENCE TYPING
Hermann, B; de Vries, HJC; de Barbeyrac, B; Henrich, B; Hoffmann, S; Schachtier, J; Thorvaldsen, J; Vall-Mayans, M; Klint, M; Christerson, L; Morré, SA
Uppsala University Hospital, Uppsala, Sweden

OS2.7.04 GENETIC CHARACTERIZATION OF HAEMOPHILUS DUCREYI ISOLATES FROM DIFFERENT GEOGRAPHIC REGIONS
Shuel, M; Ho, J; Slaney, I; Ronald, A; Tsang, R
National Microbiology Laboratory, Winnipeg, Canada

OS2.7.05 MULTILOCUS SEQUENCE TYPING OF CHLAMYDIA TRACHOMATIS GIVES HIGHER RESOLUTION THAN OMPA SEQUENCING
Christerson, L; Klint, M; Nilsson, A; Hermann, B
Uppsala University Hospital, Uppsala, Sweden

OS2.7.06 THE EMERGENCE OF HCV AMONG HIV-POSITIVE MEN WHO HAVE SEX WITH MEN IS CAUSED BY HIGH-RISK SEXUAL BEHAVIOUR RATHER THAN HCV VIRAL CHANGE
Urbanus, AT; Prins, M; Schinkel, CJ; de Vries, HJC; Coutinho, RA; van de Laar, TW
Public Health Service, Amsterdam, Netherlands

14.00-15.30 Oral session: Spatial distribution of STDs
Mountbatten Room
Chair: Azra Ghani (Imperial College London, UK)
Co-chair: William Miller (University of North Carolina, Chapel Hill, USA)

OS2.8.01 SEXUALLY TRANSMITTED INFECTIONS: IS CONTEXT INDEPENDENTLY ASSOCIATED WITH INDIVIDUAL LEVEL INFECTION?
Jennings, JM; Taylor, RB; Chung, S; Huetten, S; Ellen, JM
Johns Hopkins University, Baltimore, MD, USA

OS2.8.02 GEOGRAPHIC AND GENETIC CLUSTERS OF COUPLES WITH GONORREA
Jolly, A; Liao, M; Gu, W; Zhang, C; Yang, Y; Lei, W; Chen, Y; Dillon, JR; Wylie, JL
Centre For Communicable Disease & Infection Control, Ottawa, Canada

OS2.8.03 THE GEOGRAPHIC DISTRIBUTION OF THREE STDs IN THE UNITED STATES
Chesson, H; Leichtler, JS; Aral, SO
Centers for Disease Control and Prevention, Atlanta, USA

OS2.8.04 MODELING A SYPHILIS OUTBREAK IN NORTH CAROLINA USING THE BMGGUI TOOL OF MODERN SPACE-TIME GEOSTATISTICS
Tamran, JS; Fitch, MK; Gesink, Law, DC; Sullivan, A; Norwood, T; Hampton, K; Doherty, IA; Allshouse, WB; Leone, PA; Miller, WC; Serre, ML
University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

INTRODUCTION
Cathy Ison (Health Protection Agency Centre for Infections, London, UK)
OS2.8.05 WHERE WAS THE OUTBREAK? USE OF NUMBER OF CASES, INCIDENCE RATES, AND SEXUAL NETWORKS TO ASSESS A SYphilIS OUTBREAK IN NORTH CAROLINA

Doherty, IA; Muth, SQ; Adimora, AA; Gesink,Law, DC; Fitch, MK; Hampton, KH; Allshouse, WB; Serre, ML; Leone, PA; Miller, WC
Univ of North Carolina Chapel Hill, Chapel Hill NC, USA

OS2.8.06 SEXUAL RISK BEHAVIOURS AMONG CENTRAL AND EASTERN EUROPEAN MIGRANTS IN LONDON

Evans, AR; Mercer, CH; Parutis, V; Gerry, CJ; Mole, R; Bums, FM
University College London, London, UK

09.00-10.30 Plenary session

Fleming & Whittle Room

Chairs: Claudia Estcourt (Barts and the London School of Medicine & Dentistry, London, UK)
Michel Alary (Centre hospitalier affilié universitaire de Québec, Québec, Canada)

MYCOPLASMA GENITALIUM AS AN STI – CONSEQUENCES FOR PATIENT MANAGEMENT?

Jorgen Jensen (Statens Serum Institut, Copenhagen, Denmark)

NOVEL MICROORGANISMS AND THE ENIGMA OF BACTERIAL VAGINOSIS: NEW INSIGHTS OR MORE CONFUSION

Jeanne Marrazzo (University of Washington, Seattle, USA)

THE GONOCOCCUS FIGHTS BACK – THIS TIME IS IT A KNOCK OUT?

David Lewis (National Institute for Communicable Diseases, National Health Laboratory Service, Johannesburg, South Africa)

16.00-17.00 Oral session:

The challenge of re-infection

Westminster Suite

Chair: Angelica Stary (Liaison, International Union against Sexually Transmitted Infections, Ambulatorium Pilzfektionen und andere Infektionen, Venero-dermatologische Erkrankungen, Vienna, Austria)

Co-chair: David Martin (LSU Health Sciences Center, New Orleans, USA)

OS2.11.01 IS EARLY LATENT SYphilIS MORE LIKELY IN PATIENTS WITH A PRIOR SYphilIS INFECTION?

Kerani, P; Lukehart, S; Stenger, M; Marna, C; Pedersen, R; Golden, MR
Public Health - Seattle & King County, Seattle, USA

OS2.11.02 REINFECTION WITH GONORRHOEA: PREDICTABLE AND PREVENTABLE?

Hughes, G; Nichols, T; Leong, G; Kinghorn, G
Health Protection Agency Centre for Infections, London, UK

OS2.11.03 EARLY REPEAT CHLAMYDIA TRACHOMATIS AND NEisseria GONORrhoeaE infections among HETEROSEXUAL MEN

Kissing, P; Reilly, K; Taylor, SN; Leichliter, J; Rosenthal, S; Martin, DH
Epidemiology, Tulane University SPHTM, New Orleans, USA

OS2.11.04 PREVALENCE AND INCIDENCE OF C. TRACHOMATIS (CT), N. GONORRHOEA (NG), T. VAGINALIS (TV), AND HUMAN PAPILLOMAVIRUS (HPV) AMONG ADOLESCENTS IN AT

Koumans, EH; Papp, J; Unger, ER; Secor, WE; Sawyer, MK; Markowitz, LE
Division of STD Prevention, Atlanta, USA

17.00-18.00 Poster viewings II

Caxton Lounge
**11.00-12.30 Oral session: Aids 2031: Modelling the future of the HIV pandemic**

**Fleming Room**

**Chair:** Peter Piot (Imperial College, Institute of Global Health, London, UK)

**Co-chair:** Geoff Garnett (Imperial College, London, UK)

**MODELLING THE PREDICTED FUTURE OF THE HIV PANDEMIC USING THE GOALS MODEL**

Case, K; Garnett, G

Imperial College faculty of Medicine, Imperial College London, UK

**HERITABILITY OF HIV VIRAL LOAD AND THE POTENTIAL EVOLUTION OF THE VIRUS**

Hollingsworth, D; Fraser, C

Imperial College faculty of Medicine, Imperial College London, UK

**OS3.3.03 ROLE OF CO-INFECTIONS IN HIV EPIDEMIC TRAJECTORY AND POSITIVE PREVENTION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF MALARIA, HSV-2 AND TB CO-INFECTIONS**

Barnabas, R; Weiss, HA; Wasserheit, JN

Vaccine and Infectious Diseases Institute, Seattle, USA

**OS3.3.04 MAKING REALISTIC IMPACT PROJECTIONS FOR NEW HIV PREVENTION TECHNOLOGIES: LOOKING BEYOND A PRODUCT'S EFFICACY.**

Cox, AP; Foss, AM; Vickerman, P; Chimbwete, C; Okonji, E; Terris-Prestholt, F; Beksinska, M; Walaza, S; von Mollendorf, C; Smit, J; Mias, C; Mertenskoetter, T; Watts, C

London School of Hygiene & Tropical Medicine, London, UK

**OS3.3.05 COMBINING HIV-PREVENTION INTERVENTIONS TO MAXIMISE (COST-)EFFECTIVENESS BY ACHIEVING SYNERGY AND AVOIDING REDUNDANCY**

White, PJ; Dodd, PJ; Garnett, GP

Imperial College Faculty of Medicine, London, UK

**DEVELOPING METHODS TO ESTIMATE HIV INCIDENCE**

Hallett, T

Imperial College faculty of Medicine, Imperial College London, UK

**11.00-12.30 Oral session: Therapeutic Challenges for Gonorrhoea**

**Whittle Room**

**Chair:** Xiang-Sheng Chen (National Center for STD Control, Nanjing, China)

**Co-chair:** Jo-Anne Dillon (College of Arts and Science, Saskatoon, Canada)

**OS3.2.01 ANTIMICROBIAL SUSCEPTIBILITY OF VARIOUS ANTIBIOTICS AGAINST NEISSERIA GONORRHOEAE ISOLATES IN WESTERN PART OF JAPAN**

Sho, T; Muratani, T; Kobayashi, T; Goto, R; Matsumoto, T

Department of Urology, Kitakyushu, Japan

**OS3.2.02 MUTATION OF NEISSERIA GONORRHOEAE ISOLATES WITH MOSAIC PEN A GENES TO HIGHER LEVELS OF CEPHALOSPORIN RESISTANCE**

Trees, D; Burroughs, M; Parekh, M; Johnson, S

CDC Division of STD Prevention, Atlanta, Georgia, USA

**OS3.2.03 SINGLE POINT MUTATIONS IN THE 23S RNA GENE CONFER HIGH-LEVEL RESISTANCE TO AZITHROMYCIN IN NEISSERIA GONORRHOEAE**

Chisholm, S; Palmer, HM; Dave, J; Isom, CA

Sexually Transmitted Bacteria Reference Laboratory, London, UK

**OS3.2.04 APPROPRIATE ANTIMICROBIAL THERAPY FOR GONORRHOEA ACROSS EUROPE**

Cole, M; Berthelsen, L; Hoffmann, S; Haller, M; Stary, A; Isom, C; ESSTI Network, The

Health Protection Agency, London, UK

**OS3.2.05 CONTINUED SUSCEPTIBILITY TO GENTAMICIN AFTER 14 YEARS AS FIRST LINE THERAPY: N. GONORRHOEAE ANTIMICROBIAL SUSCEPTIBILITY IN MALAWI, 1993-2007**

Brown, L; Krysiak, R; Kamwendo, D; Hobbs, M; Kamanga, G; Mapanje, C; Banda, B; Kanyamula, H; Cohen, MS; Hoffman, IF

University of North Carolina, Chapel Hill, USA

**PANEL DISCUSSION**

Cathy Ison (Health Protection Agency for Infections, London, UK)

David Lewis (National Institute for Communicable Diseases, National Health Laboratory Service, Johannesburg, South Africa)

Ron Ballard (Centers for Disease Control and Prevention, Atlanta, USA)

Francis Ndowa (World Health Organisation, Geneva, Switzerland)

**11.00-12.30 Oral session: Sex and the life course**

**Elizabeth Windsor Room**

**Chair:** David Ross (London School of Hygiene and Tropical Medicine, London, UK)

**Co-chair:** Derek Bodell (Department of Health, London, UK)

**OS3.1.01 STI RISK, PERCEPTIONS AND RELATIONSHIPS AMONG ETHNIC MINORITY YOUTH IN NORTHWEST LONDON**

Gerressu, M; Elam, G; Okonji, E; Terris-Prestholt, F; Beksinska, M; Walaza, S; von Mollendorf, C; Smit, J; Mias, C; Mertenskoetter, T; Moyes, J; Delany-Morelwe, S; Rees, H; Kumaranayake, L; Watts, C

London School of Hygiene & Tropical Medicine, London, UK

**OS3.1.02 RELATIONSHIP QUALITY, PARTNER CHANGE AND STI ACQUISITION IN ADOLESCENT WOMEN**

Ott, MA; Katschke, AR; Tu, W; Fortenberry, JD

Indiana University School of Medicine, Indianapolis, IN, USA

**OS3.1.03 THE REGAI DZIVE SHIRI PROJECT: RESULTS OF A CLUSTER RANDOMISED TRIAL OF A MULTI-COMPONENT HIV PREVENTION INTERVENTION FOR RURAL ZIMBABWEAN ADOLESCENTS**

Cowan, FM; Pascoe, SJ; Langhaug, LF; Dirawo, J; Mavhu, W; Chidiya, S; Jaffar, S; Mbizo, M; Stephenson, JM; Johnson, AM; Power, RM; Woek, G; Hayes, RJ

Centre for Sexual Health and HIV Research, London, UK

**OS3.1.04 WEB 2.0 AND NEXOPIA.COM: DIRECT-TO-TEEN STI INTERACTION VIA A SOCIAL NETWORKING SITE**

Read, R; Ewalds, T; Singh, A

Alberta Health Services, Calgary STD Clinic, Calgary, Canada

**OS3.1.05 DOES AGE MATTER? COMPARISON OF DIFFERENT AGE GROUPS ATTENDING GERMAN STD-SENTINEL INSTITUTIONS**

Haar, K; Bremer, V; Hofmann, A; Marcus, U; Hamouda, O

Robert Koch-Institut, Berlin, Germany; ECDC, Stockholm, Sweden
OS3.1.06 TRENDS IN AGE DISPARITIES BETWEEN YOUNGER AND OLDER ADULTS AMONG REPORTED RATES OF CHLAMYDIA, GONORRHEA AND INFECTIOUS SYPHILIS INFECTIONS IN CANADA
Fang, L; Ringrose, A; Jayaraman, GC
Public Health Agency of Canada, Ottawa, Canada

11.00-12.30 Clinical Case Reports
St. James Suite
Chair: Rob Miller (University College London, UK)
Sarah Edwards FRCP (Consultant GU Physician, West Suffolk Hospital, UK)
Format: Introduction on the value of case reports in clinician education, and the direction of the case report literature (e.g. the BMJ project).
Presentations of all 10 exemplary case reports by authors.

CCR1 HETEROSEXUAL FEMALE WITH NON-LYMPHOGRANULOMA VENEREUM CHLAMYDIA PROCTITIS
Komolafe, A; Higgins, SP; Phillips, M; Vas, A
Dept of GU-MEDICINE,OUTPATIENT D, Manchester, UK

CCR2 PARAPHIMOSIS AS THE STDs COMPLICATION. CASE REPORT.
Kovalyk, VP; Gomberg, MA
Space Center Clinic, Moscow, Russian Federation

CCR3 CASE REPORT – A CASE OF MISTAKEN SYPHILITIC ANEURYSM
Goornay, B; Main, T
Sexual Health clinic, Salford, UK

CCR4 FAILURE OF BENZATHINE PENICILLIN G IN PRIMARY SYPHILIS
Vall-Mayans, M; Sanz, B
STI Unit CAP Drassanes, Barcelona, Spain

CCR5 A WIDE SPECTRUM OF DISEASE: GENITAL SQUAMOUS INTRAEPITHELIAL NEOPLASIA
Uuskula, A
University of Tartu, Tartu, Estonia

CCR6 IMIQUIMOD; GOOD FOR WARTS, BAD FOR LICHEN
O’Mahony, C; Yesudian, P
Sexual Health, Countess of Chester NHS Trust, Chester

CCR7 A SERIES OF CASES OF VAGINITIS DUE TO SACCHAROMYCES CEREVISIAE
No, A; Radcliffe, K
Whittall Street Clinic, Birmingham, UK

CCR8 LATE HIV DIAGNOSIS AND IRIS: MAC IS COMPLEX!
Anderson, ER; Steedman, NM
Countess of Chester Hospital, Chester, UK

CCR9 IRIS PHENOMENA CAN OCCUR UP TO ONE YEAR FOLLOWING INITIATION OF ANTIRETROVIRAL THERAPY FOR HIV
Neale, R; Haddon, L; Saulsbury, N; Keane, F
Department of GU medicine, Cornwall, UK

CCR10 DOES ASPERGILLOMA WARRANT TREATMENT IN HIV INFECTED PATIENTS – A CASE REPORT
Thayaparan, P; Balachandran, T; Pillai, PK
GUM/HIV, Luton and Dunstable Hospital, Luton, UK

DISCUSSION BY AUDIENCE

11.00-12.30 Oral session: Sex work in India
Mountbatten Room
Chair: Jamie Blanchard (University of Manitoba, Winnipeg, USA)
Co-chair: Somesh Gupta (All India Institute of Medical Sciences, New Delhi, India)

INTRODUCTION
Catherine Lowndes (Health Protection Agency, London, UK)

OS3.4.02 SEX WORK,SYPHILIS AND SEEKING TREATMENT: AN OPPORTUNITY FOR INTERVENTION IN HIV PREVENTION PROGRAMMING IN KARNATAKA, SOUTH INDIA
Kudur, P; Mishra, S; Moses, S; Washington, R; Alary, M; Ramesh, BM; Isaac, S; Blanchard, JF
Karnataka Health Promotion Trust, Bengaluru, India

OS3.4.03 IMPACT OF AN INTENSIVE, TARGETED HIV PREVENTION PROGRAM ON HIV PREVALENCE IN THE GENERAL POPULATION IN KARNATAKA STATE, INDIA: AN ECOLOGICAL ANALYSIS
Moses, S; Ramesh, BM; Nagelkerke, NJD; Khera, A; Issac, S; Bhattacharjee, P; Gurnani, V; Washington, RG; Prakash, KH; Pradeep, BS; Blanchard, JF
University of Manitoba, Winnipeg, Canada

OS3.4.04 EXPLORING HETEROGENEITY IN CLIENTS OF FEMALE SEX WORKERS IN KARNATAKA, SOUTH INDIA
Shaw, S; Ramesh, BM; Moses, S; Isaac, S; Blanchard, JF
Community Health Sciences, Winnipeg, Manitoba, Canada

OS3.4.05 A NOVEL APPROACH TO DEVELOPING A FEMALE SEX WORK TYPOLOGY USING DATA FROM KARNATAKA, SOUTH INDIA
Buzdugan, R; Copas, A; Moses, S; Blanchard, J; Isaac, S; Ramesh, BM; Washington, R; Hall, SS; Cowan, FM
University College London, London, UK

OS3.4.06 IS THE INDIAN HIV EPIDEMIC MAINLY DUE TO HIGH RISK GROUPS? A MODELLING ANALYSIS FROM SOUTH INDIA
Vickerman, P; Boily, MC; Foss, AM; Deering, K; Pickles, M; Verma, S; Demers, E; Lowndes, C; Ramesh, BM; Moses, S; Blanchard, J; Reza-Paul, S; Alary, M
London School of Hygiene and Tropical Medicine, London, UK

14.00-15.30 Closing Plenary
Fleming & Whittle Room
 Chairs: Anne Johnson (University College, London, UK)
Graham Hart (University College, London, UK)

DARWIN AND STIs
Mike Boots (University of Sheffield, Sheffield, UK)

SEXUALLY TRANSMITTED DISEASE CONTROL: A SISYPHEAN TASK?
Geoffrey Garnett (Imperial College, London, UK)