

**BIOGRAPHICAL SKETCH (NIH)**NAME: **Philippe Jean-Luc MAYAUD**

eRACOMMONS USER NAME : LONDONSCHOOL

POSITION TITLE: Professor of Infectious Diseases and Reproductive Health

**EDUCATION/TRAINING**

INSTITUTION AND LOCATION	DEGREE	Completion Date MM/YY	FIELD OF STUDY
Université d'Aix-Marseille II, France	BSc	09/1984	Medical studies
Université d'Aix-Marseille II, France	Diploma	12/1984	Tropical Medicine & Health
Université d'Aix-Marseille II, France	Diploma	93/1985	Merchant Navy Medicine
Université d'Aix-Marseille II, France	MD	12/1986	General Practitioner (GP)
Université de Paris VI, France	University certificates (2)	06/1990	Statistics in Biology, Clinical Research, Epidemiology
University of London (Lond Sch. Hyg. Trop. Med.), UK	MSc	09/1991	Clinical Tropical Medicine

**A. Personal statement**

A clinician by background turned clinical epidemiologist, I have particular interest in HIV/AIDS and sexually transmitted infections (STI). I have 28 years of experience of research and teaching in low- and middle-income countries context. My research focuses on all aspects of STIs (clinical, epidemiology, control) and interactions with HIV, with particular interest in developing and evaluation prevention and care interventions. Together with Tanzanian and UK and European colleagues I have participated in several epidemiological and large intervention trial in Mwanza (Tanzania) from 1991-97. I have collaborated on cohort studies among high-risk female populations in West (Burkina Faso, Ghana) and South Africa, conducted clinical trials on aspects of herpes treatment and HIV, evaluation of HPV and cervical cancer screening strategies among women living with HIV (HARP project), and HPV vaccination trials in Tanzania. More recently, I have undertaken research on Zikavirus in Brazil, looking at epidemiological aspects of transmission from mother to child and sexual transmission. I have received (and revalidated) GCP training.

My research has been funded through large DFID-funded or EU-funded research consortia, as well as grants from MRC UK, Wellcome Trust, ANRS France or WHO. I am a member of several WHO Technical Expert groups (on STI epidemiology, guidelines, adolescent health, Zika).

Since February 2019, I have been appointed Head of Programme of HIV Epidemiology and Intervention, and Theme Leader on HIV and Emerging Infections at the MRC/UVRI & LSHTM Uganda Research Unit in Entebbe, Uganda, where I will direct work among high risk populations living in urban and rural settings, and intervention studies on HIV vaccine and HIV PREP. This proposed research falls directly in line with my current interests and work with STIs among vulnerable populations, and my position will enable me to advise and follow-up the clinicians on site at the research site of this study.

**B. Positions****Employment**

1984-1986	Medical Resident: CHU Marseille (France), CHR Ajaccio (France), CHR Cayenne (French Guiana)
1987-1990	District Medical Officer (DMO), Ministry of Health, Commonwealth of Dominica, West Indies
1990-1991	GP locum, London, UK
1991-1995	Manager of Clinical Studies, STD/HIV Research Project, Mwanza, Tanzania
1995-1997	Programme Manager & Director of Research, STD/HIV Research Project, Mwanza, Tanzania
Since 02/2019	Head of Programme, HIV Epidemiology & Interventions, MRC/UVRI & LSHTM Uganda Research Unit, Entebbe, Uganda

**Academic Positions** (All at **London School of Hygiene and Tropical Medicine [LSHTM]**, University of London, UK)

1991-1997	Clinical Lecturer (overseas-based), Department of Clinical Sciences
1997-1998	Clinical Lecturer, Clinical Research Unit
1998-2006	Clinical Senior Lecturer (tenures since June 2003), Clinical Research Unit
2006-2011	Reader in Infectious Diseases & Reproductive Health, Clinical Research Department
2011-date	Professor of Infectious Diseases & Reproductive Health, Clinical Research Department
2012-2017	Head of Department, Clinical Research Department

## C. Contribution to Science (in last 6-7 years)

### I. Studies of HIV and STIs among high-risk populations

We have conducted several epidemiological and HIV/STI prevention and care intervention studies with key female populations at high-risk of HIV and STIs in West Africa. We have evaluated the impact of periodic (monthly for 9 months) presumptive antimicrobial treatment (PPT) in Ghana/Benin showing impact on *Neisseria gonorrhoeae* (NG) but not on *Chlamydia trachomatis* and no measurable epidemiological impact on potential male clients of these sex workers. Importantly the study demonstrated no rise in antimicrobial resistance of NG over the study period. This experience informed a WHO publication on the role of PPT. In Burkina Faso, building on a decade of research with female sex workers, we have studied the role of *Herpes simplex virus type 2* (HSV-2) on HIV transmissibility (genital shedding) and disease progression and shown that antiretroviral therapy (ART) can help reduce HSV-2 (and HIV) shedding. Through modelling, using over 10 years of empirical data, we have shown that the greatest impact in the gradual reduction of HIV acquisition in this group was through robust multifaceted behavioural (condom promotion) and biological (STI care) interventions that preceded the advent of more liberal ART use. We have demonstrated empirically how such an intervention package could lead to 'zero incidence' in a similar group of women in an other city of the country. This work featured in the UNAIDS 2015 Report.

1. Labbé AC, Pépin J, Khonde N, Dzokoto A, Méda H, Asamoah-Adu C, **Mayaud P**, Mabey D, Demers E, Alary M. Periodical antibiotic treatment for the control of gonococcal and chlamydial infections among sex workers in Benin and Ghana: a cluster-randomized controlled trial. *Sex Transm Dis*. 2012 Apr; 39(4): 253-259.
2. Low AJ, Konate I, Nagot N, Weiss HA, Kania D, Vickerman P, Segondy M, Mabey D, Pillay D, Meda N, van de Perre P, **Mayaud P**. Cervico-vaginal HIV-1 shedding in women taking antiretroviral therapy in Burkina Faso: A longitudinal study. *JAIDS* 2014; 65(2): 237-45.
3. Low A, Nagot N, Konate I, Méda N, Segondy M, Van de Perre P, **Mayaud P**, Vickerman P. The Potential Impact of Antiretroviral use in Female Sex Workers on transmission of HIV in Burkina Faso: A Modelling Study. *JAIDS* 2015 Mar 1; 68(Suppl 2): S180-8.
4. Traoré IT, Méda N, Héma NM, Ouedraogo D, Somé F, Somé R, Niessougou J, Sanon A, Konaté I, Van De Perre P, **Mayaud P**, Nagot N. HIV prevention and care services for female sex workers: efficacy of a targeted community-based intervention in Burkina Faso. *J Int AIDS Soc* 2015, 18:20088.

### II. Cervical cancer screening in women living with HIV (WLHIV):

We have conducted studies evaluating various screening strategies to detect cervical cancer precursor lesions showing the feasibility and value of screening using an HPV point of care test (combined with other promising more specific tests such as DNA methylation, in these populations with high HPV prevalence and incidence) to help control cervical cancer in a large cohort of women living with HIV in Burkina Faso and South Africa (HARP Project). Moreover, we have obtained rich data on the natural history of HPV, CIN and anogenital warts in the HARP populations, as well as in other studies conducted among sex workers in Burkina Faso and Ghana (publications not listed here). Through analysis of this epidemiological information, completed with comprehensive HPV serology, we have estimated the potential usefulness of a nonavalent HPV vaccine in such populations. We have conducted a systematic review indicating the potential benefit of early ART initiation in preventing HPV persistence and cervical cancer development (Kelly, *Lancet HIV* 2017, not included). We are conducting a similar study of the effect of ART on anal lesions.

1. Segondy M, Kelly H, Magooa-Mahalpe P, Djigma F, Ngou J, Gilham C, Omar T, Gombri-Lompo O, Michelow P, Doutre S, Clavero O, Chikandiwa A, Sawadogo B, Costes V, Méda N, Delany-Moretlwe S, and **Mayaud P** for the

- HARP Study Group. Performance of the *careHPV* test for cervical cancer screening among women living with HIV-1 in Burkina Faso and South Africa: HARP Study. *Br J Cancer* 2016 Aug 9; 115(4): 425-30.
2. Kelly HA, Sawadogo B, Chikandiwa A, Segondy M, Gilham C, Lompo O, Omar T, Didelot MN, Nagot N, Meda N, Weiss HA, Delany-Moretlwe S, **Mayaud P** for the HARP Study Group. Epidemiology of high-risk Human Papillomavirus and cervical lesions in African women living with HIV-1: impact of antiretroviral therapy. *AIDS* 2017 Jan 14; 31(2):273-285.
  3. Kelly H, Faust H, Chikandiwa A, Ngou J, Weiss HA, Segondy M, Dillner J, Delany-Moretlwe S, **Mayaud P**. Human papillomavirus serology among women living with HIV: Type-specific seroprevalence, seroconversion and risk of cervical re-infection. *J Infect Dis*. 2018 Aug 14; 218(6): 927-936.
  4. Kelly H, Chikandiwa A, Warman R, Segondy M, Sawadogo B, Vasiljevic N, Didelot MN, Meda N, Weiss HA, Delany-Moretlwe S, **Mayaud P**, Lorincz A. Associations of human tumour suppressor gene *EPB41L3* DNA methylation and cervical intraepithelial neoplasia in women living with HIV-1 in Africa. *AIDS* 2018 Sep 24; 32(15): 2227-2236.

### III. HPV vaccination

We have conducted the first HPV vaccination trials showing safety and immunogenicity in Sub-Saharan African women with the GSK Cervarix in Senegal and Tanzania, and evaluating strategies of vaccination with the Merck quadrivalent vaccine. We evaluated the influence of STIs and other infections (helminths and malaria) in the response to vaccination, and described for the first time the epidemiology of HPV in very Young African girls. We are currently conducting a study evaluating dose reduction (to one or two doses) of existing vaccines (GSK and Merck nonavalent) among Tanzanian Young women.

1. Watson-Jones D, Baisley K, Ponsiano R, Lemme F, Remes P, Ross D, Kapiga S, **Mayaud P**, de Sanjosé S, Wight D, Changalucha J, Hayes R. Human Papillomavirus vaccination in Tanzanian schoolgirls: cluster-randomised trial comparing two vaccine delivery strategies. *J Infect Dis*. 2012; ep 1; 206(5):678-86.
2. Sow PS, Watson-Jones D, Kiviat N, Changalucha J, Diallo Mbaye K, Brown J, Bouso K, Kavishe B, Andreasen A, Toure M, Kapiga S, **Mayaud P**, Hayes R, Lebacq M, Herazeh M, Thomas F, Descamps D. Safety and Immunogenicity of Human Papillomavirus-16/18 AS04-Adjuvanted Vaccine: A Randomized Trial in 10-25-Year-Old HIV-Seronegative African Girls and Young Women. *J Infect Dis*. 2013 Jun; 207(11):1753-63.
3. Watson-Jones D, Baisley K, Brown J, Kavishe B, Andreasen A, Changalucha J, **Mayaud P**, Kapiga S, Gumodoka B, Hayes R, de Sanjose S. High Prevalence and Incidence of Human Papillomavirus in a Cohort of Healthy Young African Females. *Sex Transm Infect*. 2013; Aug; 89(5):358-65.
4. Brown J, Baisley K, Bazil B, Changalucha J, Andreasen A, **Mayaud P**, Gumodoka B, Kapiga S, Hayes R, Watson-Jones D. Impact of malaria and helminth infections on immunogenicity of the human papillomavirus-16/18 AS04-adjuvanted HPV16/18 vaccine in Tanzania. *Vaccine* 2014; 32(5): 611-17.

### IV. Studies of the control of syphilis

Building on several years of work on maternal syphilis control in Tanzania, we conducted studies of the evaluation of the implementation of new rapid point of care treponemal tests in Ghana, showing the difficulty of translating good intention policy into effective practice.

1. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Factors associated with failure to screen for syphilis during antenatal care in Ghana: a case control study. *BMC Infect Dis*. 2015 Mar 13; 15:125.
2. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Estimating the uptake of maternal syphilis screening and other antenatal interventions before and after national rollout of syphilis point-of-care testing in Ghana. *Int J Gynaecol & Obst*. 2015 Jun; 130 Suppl 1: S63-9.
3. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Performance of syphilis sentinel surveillance in Ghana in the context of endemic treponematoses. *BMC Infect Dis*. 2016; 16:745.
4. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Rollout of rapid point of care tests for antenatal syphilis screening in Ghana: Health care provider perspectives and experiences. *BMC Health Serv Res*. 2018 Feb 20; 18(1):130.

### V. General STIs

I have contributed several reviews of STI burden (and methodology to estimate burden) in African context. I have contributed to influential WHO and World Bank endorsed report on the cost-effectiveness of STI prevention. We contribute

to various WHO reports and guidelines. Recently, some of work has focused on *Mycoplasma genitalium* a little researched bacterium outside developed nations where resistance is increasing considerably. However, the prevalence of MG can be multifold higher in places like South Africa, and with much less antimicrobial stewardship, the risk of escalating resistance is increased.

1. Chico M, **Mayaud P**, Ariti C, Ronsmans C, Mabey D, Chandramohan D. A systematic review and meta-analysis of malaria and sexually transmitted and reproductive tract infections (STI/RTI) in pregnancy in sub-Saharan Africa: Opportunities for antenatal intervention. *JAMA* 2012, May 16; **307(19)**: 2079-86.
2. Korenromp E, Mahiané G, Nagelkerke N, Rowley J, Abu-Raddad L, Ndowa F, El-Ketthani A, El-Rhilani H, **Mayaud P**, Chico M, Steen R, Pretorius C, Stover J, Taylor M, Wi T. National trends in adult gonorrhoea and syphilis prevalence in low- and middle-income countries: Methods of the Spectrum-STI model and estimates for pilot countries Zimbabwe and Morocco. *Sex Transm Infect.* 2017 Mar 21. pii: sextrans-2016-052953).
3. WHO (**collective incl. Mayaud P**). WHO guidelines for the treatment of *Treponema pallidum* (syphilis). WHO: Geneva, 2016. <http://apps.who.int/iris/bitstream/10665/249572/1/9789241549806-eng.pdf>
4. Ong JJ, Mahlape Precious Magooa MP, Chikandiwa A, Kelly H, Didelot M-N, Muller EE, Maseko V, Segondy M, Delany-Moretlwe S, Kularatne R, **Mayaud P**, on behalf of the HARP Study Group. Prevalence and antimicrobial resistance of *Mycoplasma genitalium* infection among women living with HIV in South Africa: a prospective cohort study. *Clin Infect Dis.* 2019 Jan 29.

**My list of publications** (181 articles listed on PubMed, 34 editorials/commentaries/reviews/letters, 19 Book chapters) can be found below and at: <https://www.ncbi.nlm.nih.gov/myncbi/collections/mybibliography/?page=1>

## D. Research Support

### D1. Ongoing Research Support

**MRC/WT/DFID Joint Global Health Trials (£3.0M) PI: Watson-Jones (LSHTM) 01/16-12/20**  
A dose reduction immunobridging study of two HPV vaccines in Tanzanian girls (DoRIS) (MR/M021718/1)  
Aims: To assess the immunogenicity of dose reduction of both Gardasil 9 and GSK HPV vaccines in Tanzania.  
**Role: Co-investigator**

**EU (€13.0M) PI: De Lamballerie (INSERM France) 10/16-09/21**  
ZIKAlliance Consortium  
Aims: In Work Package 1 (Clinical Epidemiology) design and conduct studies investigating the acquisition and transmission of Zikavirus during pregnancy and transmission to child and med-term impact on children; study the sexual transmission of ZIKV. **Role: Co-applicant, and Consortium Leader for LSHTM**

**Newton Fund MRC (UK: £1.2m UK), FAPESP (BR: £1m) PI: Faria (UK) & Sabino (BR) 03/19-02/22**  
CADDE Consortium (Centre of Arbovirus discovery)  
Aims: to strengthen the use of science in protecting public health in Brazil, and enhance the capacity of the Brazilian health system to prepare for, and respond to, current and future outbreaks of emerging and re-emerging arboviruses. **Role: Co-applicant, and Consortium Leader for LSHTM**

**MRC/WT/DFID Joint Global Health Trials (£2.7M) PI: Chico (LSHTM) 01/19-12/22**  
ASPIRE Trial: Aiming for Safe Pregnancies by Reducing Malaria and Infection of the Reproductive Tract  
Aim: to determine whether the combination of metronidazole (MTZ) with intermittent preventive treatment of malaria in pregnancy using sulphadoxine-pyrimethamine (IPTp-SP) or dihydroartemisinin-piperaquine (IPTp-DP) is superior to IPTp-SP alone in reducing adverse pregnancy outcomes related to malaria, bacterial vaginosis (BV), and *Trichomonas vaginalis* (TV) infections in pregnancy. **Role: Co-applicant and Co-Inv**

**MRC, UK (£285,000 per annum)****PI: Kaleebu (MRC/UVRI/LSHTM)****04/17-03/22**

Core HIV Programme in Uganda.

Aim: to conduct studies on the prevention and care of HIV and associated infections in Uganda. **Role: Head of HIV Programme and co-PI****ABBOTT (US \$110,000)****PI: Mayaud (LSHTM)****11/19-11/20**Development and evaluation of rapid tests for *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in African countries.Aim: to collect urogenital samples to determine the prevalence of STIs in key populations in Uganda and contribute to the development of rapid point-of-care tests for NG and CT. **Role: PI****D2. Completed Research Support last 5 years (2013-18)**

<b>Dates</b>	<b>Title</b>	<b>Funder (Budget)</b>	<b>Role &amp; PI</b>
04/10-03/13	Delivery, uptake and acceptability of HPV vaccines in Tanzanian girls.	Wellcome Trust (£1.2M) GARDASIL Access Pgm	<b>Role: Collaborator</b> (PI: Watson-Jones, LSHTM)
11/10-10/14	Evaluation and impact of screening and treatment approaches for the prevention of cervical neoplasia in HIV-positive women in Burkina Faso and South Africa: HPV in Africa Research Partnership (HARP).	EU/FP7 Africa Health (€3.0M)	<b>Role: PI and Consortium Director</b>
08/14-07/15	Randomised trial of HPV vaccination for the control of HPV-related diseases in HIV-positive African populations: Preparatory phase.	MRC UK (£150,000).	<b>Role: PI</b>
08/16-12/16	Systematic review of STI guidelines for post rape management in children/adolescents	WHO (£27,000)	<b>Role: PI</b>
05/18-11/18	Estimating the burden of HSV1	WHO (£24,000)	<b>Role LSHTM PI</b> (PI: Looker, Bristol U)
08/18-08/19	Modelling the impact of HSV2 vaccines	WHO (£27,000)	<b>LSHTM PI</b> (PI: Boily, Imperial)
11/18-04/19	PREP STI systematic review	WHO (£35,000)	<b>PI</b>

## E. PUBLICATION LIST (Nov 2019)

**181 publications listed in PubMed at 30/11/2019 (\* 6 best 2001-07 for UK research assessment exercise RAE 2008; \*\* from Jan 2008-oct 2013 for REF exercise; \*\*\* for 2020)**  
**Citations = 9663; H-index = 48; i10 index = 136 (Google scholar)**

### (i) Scientific articles in peer-reviewed journals

1992

5. **Mayaud P**, Changalucha J, Grosskurth H, ka-Gina G, Rugemalila J, Nduba J, Newell J, Hayes R, Mabey D. The value of urine specimens in screening for male urethritis and its microbial aetiologies in Tanzania. *Genitourinary Medicine* 1992; **68**:361-5.

1995

6. **Mayaud P**, Grosskurth H, Changalucha J, Todd J, West B, Gabone R, Senkoro K, Rusizoka M, Laga M, Hayes R, Mabey D: Risk-assessment and other screening options for gonorrhoea and chlamydial infections in women attending rural Tanzanian antenatal clinics. *Bulletin of the World Health Organization* 1995; **73(5)**: 621-30.
7. West B, Changalucha J, Grosskurth H, **Mayaud P**, Gabone R, ka-Gina G, Mabey D. Antimicrobial susceptibility, auxotype and plasmid content of *Neisseria gonorrhoeae* in Northern Tanzania: emergence of high level plasmid mediated tetracycline resistance. *Genitourinary Medicine* 1995; **71**:9-12.
8. West B, Wilson S, Changalucha J, Patel S, **Mayaud P**, Ballard R, Mabey D. Simplified PCR for the Detection of *Haemophilus ducreyi* and diagnosis of chancroid. *Journal of Clinical Microbiology* 1995; **33**:787-90.
9. Grosskurth H, Mosha F, Todd J, Senkoro K, Newell J, Klokke A, Changalucha J, West B, **Mayaud P**, Gavyole A, Gabone R, Mabey D, Hayes R. A community trial of the impact of improved STD treatment on the HIV epidemic in rural Tanzania: 2. Baseline survey results. *AIDS* 1995; **9**:927-34.
10. Grosskurth H, Mosha F, Todd J, Mwijarubi E. Klokke A, Senkoro K, **Mayaud P**, Changalucha J, Nicoll A, ka-Gina G, Newell J, Mugeye K, Mabey D, Hayes R. Impact of improved treatment of sexually transmitted diseases on HIV infection in rural Tanzania: randomised controlled Trial. *Lancet* 1995; **346**:530-6.

1996

11. Grosskurth H, **Mayaud P**, Mosha F, Todd J, Senkoro K, Newell J, Gabone R, Changalucha J, West B, Hayes R, Mabey D. Asymptomatic gonorrhoea and Chlamydial infection in rural Tanzanian men. *British Medical Journal* 1996; **312**:277-80.

1997

12. Quigley M, Munguti K, Grosskurth H, Todd J, Mosha F, Senkoro K, Newell J, **Mayaud P**, ka-Gina G, Klokke A, Mabey D, Gavyole A, Hayes R. Sexual behaviour patterns and other risk factors for HIV infection in a rural Tanzania: a case-control study. *AIDS* 1997; **11**:237-48.
13. **Mayaud P**, Msuya W, Todd J, Kaatano G, West B, Begkoyian G, Grosskurth H, Mabey D. STD rapid assessment in Rwandan refugee camps in Tanzania. *Genitourinary Medicine* 1997; **73**:33-8.
14. Jacobs B, **Mayaud P**, Changalucha J, Todd J, ka-Gina G, Grosskurth H, Berege Z. Sexual transmission of hepatitis B in Mwanza, Tanzania. *Sexually Transmitted Diseases* 1997; **24(3)**:121-6.
15. Todd J, Balira R, Grosskurth H, **Mayaud P**, Mosha F, ka-Gina G, Klokke A, Gabone R, Gavyole A, Mabey D, Hayes R. HIV-associated adult mortality in a rural African population. *AIDS* 1997; **11**:801-07.
16. Munguti K, Grosskurth H, Newell J, Senkoro K, Mosha F, Todd J, **Mayaud P**, Gavyole A, Quigley M, Hayes R. Patterns of sexual behaviour in a rural population in North-western Tanzania. *Social Sciences & Medicine* 1997; **44(10)**:1553-61.
17. **Mayaud P**, Mosha F, Todd J, Balira R, Mngara J, West B, Rusizoka M, Mwijarubi E, Gabone R, Gavyole A, Grosskurth H, Hayes R, Mabey D. Improved treatment services significantly reduce the prevalence of sexually transmitted diseases in rural Tanzania: Results of a randomised controlled trial. *AIDS* 1997; **11**:1873-80.
18. Gilson L, Mkanje R, Grosskurth H, Mosha F, Picard J, Gavyole A, Todd J, **Mayaud P**, Swai R, Mabey D, Mills A, Hayes R, Fransen L. Cost-effectiveness of improved STD treatment services as a preventive intervention against HIV in Mwanza Region, Tanzania. *Lancet* 1997; **350**:1805-09.

1998

19. **Mayaud P**, ka-Gina G, Cornelissen J, Todd J, Kaatano G, West B, Uledi E, Rwakatare M, Kopwe L, Manoko D, Laga M, Grosskurth H, Hayes R, Mabey D. Validation of a WHO algorithm with risk-assessment for the clinical management of vaginal discharge in Mwanza, Tanzania. *Sexually Transmitted Infections* 1998; **74(suppl 1)**: S77-S84.
20. **Mayaud P**, Uledi E, Cornelissen J, ka-Gina G, Todd J, Rwakatare M, West B, Kopwe L, Manoko D, Grosskurth H, Hayes R, Mabey D. Risk scores to detect cervical infections in urban antenatal clinic attenders in Mwanza, Tanzania. *Sexually Transmitted Infections* 1998; **74(suppl 1)**: S139-S146.
21. Matasha E, Ntembelea T, **Mayaud P**, Saidi W, Todd J, Mujaya B, Tendo-Wambua L. Sexual and reproductive health among primary and secondary school pupils in Mwanza, Tanzania: need for intervention. *AIDSCare* 1998; **10(5)**: 571-82.
22. **Mayaud P**, ka-Gina G, Grosskurth H. Effectiveness, impact and cost of syndromic management of sexually transmitted diseases in Tanzania. *Int J STD & AIDS* 1998; **9(Suppl 1)**: S11-S14.
23. **Mayaud P**, Mwijarubi E, Gavyole A. Syndromic management of sexually transmitted diseases at primary health care level in Tanzania: effectiveness and impact. *Jornal Brasileiro de Doencas Sexualmente Transmissiveis (DST)* 1998; **9(2)**: 20-8.

1999

24. Obasi A, Mosha F, Quigley M, Gibson T, Munguti K, Todd J, Grosskurth H, **Mayaud P**, Changalucha J, Brown D, Mabey D and Hayes R. Antibodies to HSV-2 as a sexual risk behaviour in rural Tanzania. *Journal of Infectious Diseases* 1999; **179**:16-24.
25. Mbopi-Kéou F-X, Grésengué G, **Mayaud P**, Weiss HA, Gopal R, Brown D, Hayes RJ, Mabey DCW, Bélec L. Genital *Herpes simplex* virus type 2 shedding is increased in HIV infected women in Africa. *AIDS* 1999; **11(4)**:536-7.

2000

26. Mbopi-Kéou F-X, Grésengué G, **Mayaud P**, Weiss HA, Gopal R, Matta M, Paul J-L, Brown DWG, Hayes RJ, Mabey DCW, Bélec L. Interactions between herpes simplex virus type-2 and HIV-1 infection in African women: opportunities for intervention. *Journal of Infectious Diseases* 2000; **182**: 1090-6.
27. Watson-Jones D, Mugeye K, **Mayaud P**, Ndeki L, Todd J, Mosha M, West B, Cleophas-Frisch B, Grosskurth H, Laga M, Hayes R, Mabey D, Buvé A. High prevalence of trichomoniasis in rural men in Mwanza, Tanzania: Results from a population-based study. *Sexually Transmitted Infections* 2000; **76**: 355-362.
28. Grosskurth H, Mwijarubi E, Todd J, Rwakatare M, Orroth K, **Mayaud P**, Cleophas B, Buvé A, Mkanje R, Ndeki L, Gavyole A, Hayes R, Mabey D. Operational performance of an STD control in Mwanza region, Tanzania. *Sexually Transmitted Infections* 2000; **76**: 426-436.

2001

29. Todd J, Munguti K, Grosskurth H, Mngara J, Changalucha J, **Mayaud P**, Mosha F, Gavyole A, Mabey D, Hayes R. Risk factors for active syphilis and TPHA seroconversion in a rural African population. *Sexually Transmitted Infections* 2001; **77(1)**:37-45.
30. **Mayaud P**. The challenge of HIV/AIDS and STI control in refugee settings: Rwandan refugees in Tanzania. *Transactions of the Royal Society of Tropical Medicine & Hygiene* 2001; **95(2)**:121-4.
31. Leiva AM, Shaw M, Paine K, McAdam KPJW, **Mayaud P**. Management of sexually transmitted diseases in urban pharmacies in The Gambia. *International Journal of STD & AIDS* 2001; **12**:444-52.
32. **Mayaud P**, Gill DK, Weiss HA, Uledi E, Kopwe L, Todd J, ka-Gina G, Grosskurth H, Hayes RJ, Mabey DCW, Lacey CJN. The interrelationships of HIV, cervical human papillomavirus and neoplasia, among antenatal clinic attenders in Tanzania. *Sexually Transmitted Infections* 2001; **77**:248-254.
33. Buvé A, Changalucha J, **Mayaud P**, Gavyole A, Mugeye K, Todd J, T Clayton T, Mosha F, Grosskurth H, Mabey DCW, Laga M, Van Lerberghe W, Hayes RJ. How many patients with a sexually transmitted infection are cured by health services? A study from Mwanza region, Tanzania. *Tropical Medicine & International Health* 2001; **6(12)**:971-79.

2002

34. Changalucha J, Grosskurth H, Mwita W, Todd J, Ross D, **Mayaud P**, Mahamoud A, Klokke A, Mosha F, Hayes R, Mabey D. Comparison of HIV prevalences in community-based and antenatal clinic surveys in rural Mwanza, Tanzania. *AIDS* 2002; **16**: 661-65.

2003

35. Jansen HAFM, Morison L, Mosha F, Changalucha J, Todd J, Obasi A, Rusizoka M, **Mayaud P**, Munguti K, Mabey D, Grosskurth H, Hayes R. Geographical variations in the prevalence of HIV and other sexually transmitted infections in rural Tanzania. *International Journal of STD & AIDS* 2003; **14**: 274-280.
36. Mbopi-Kéou F-X, Bélec L, Dalessio J, Grésenguet G, **Mayaud P**, Corey L, Brown DWG, Ashley RL. Cervicovaginal neutralizing antibodies to herpes simplex virus (HSV) in dually HSV-1- and HSV-2- seropositive women. *Clinical and Diagnostic Laboratory Immunology* 2003; **10(3)**: 388-393.
37. West B, Morison L, Schim van der Loeff M, Gooding E, Awasana A, Demba E, **Mayaud P**. Evaluation of a new diagnostic kit for bacterial vaginosis in patients with vaginal discharge in The Gambia. *Sexually Transmitted Diseases* 2003; **30(6)**: 483-489.
38. Mbopi-Kéou F-X, Legoff J, Grésenguet G, Si-Mohamed A, Matta M, **Mayaud P**, Andréoletti L, **Malkin JE**, Weiss H, Brown D, Malkin J-E and Bélec L. Genital Shedding of Herpes Simplex Virus-2 DNA and HIV-1 RNA and Proviral DNA in HIV-1- and Herpes Simplex Virus-2-Coinfected African Women. *Journal of Acquired Immune Deficiency Syndrome* 2003; **33(2)**: 121-124.
39. Oliff M, **Mayaud P**, Brugha R, Semakafu A-M. Integrating Reproductive Health Services in a Reforming Health Sector: The Case of Tanzania. *Reproductive Health Matters* 2003; **11(21)**: 37-48.
40. Cowan FM, French RS, **Mayaud P**, Gopal R, Robinson NJ, Artimos de Oliveira S, Faillace T, Uuskula A, Kibur-Nigård M, Ramalingam S, Sridharan G, El Aouad R, Alami K, Rbai M, Sunil-Chandra NP, Brown DWG. Sero-epidemiological study of *Herpes simplex virus* (HSV) types 1 and 2 in Brazil, Estonia, Morocco, South India and Sri Lanka. *Sexually Transmitted Infections* 2003; **79**: 286-290.
41. **Mayaud P**, Weiss HA, Lacey CJN, Gill DK, Mabey DCW. Genital human papillomavirus genotypes in northwestern Tanzania. *Journal of Clinical Microbiology* 2003; **41(9)**: 4451-3.

2004

42. Uuskula A, Nygard-Kibur M, Cowan FM, **Mayaud P**, French R, Robinson JN, Brown DWG, and the HISS group. The burden of infection with herpes simplex virus type 1 and type 2: seroprevalence study in Estonia. *Scandinavian Journal of Infectious Diseases* 2004; **36(10)**: 727-32.

2005

43. Nascimento MC, Wilder N, Pannuti CS, Weiss HA, **Mayaud P**. Molecular characterization of Kaposi's sarcoma associated herpesvirus (KSHV) from patients with AIDS-associated Kaposi's sarcoma in Sao Paulo, Brazil. *Journal of Clinical Virology* 2005; **33 (1)**: 52-59.
44. Demba E, Morison L, Schim van der Loeff M, Awasana A, Gooding E, Bailey R, **Mayaud P**, West B. Bacterial vaginosis, vaginal flora patterns and vaginal hygiene practices in patients presenting with vaginal discharge syndrome in The Gambia, West Africa. *BMC Infectious Diseases* 2005; **(1)**: e12
45. Morison LA, Ekpo G, West B, Demba E, **Mayaud P**, Coleman R, Bailey R, Walraven G. Bacterial vaginosis in relation to menstrual cycle, menstrual protection and sexual intercourse in rural Gambian women. *Sexually Transmitted Infections* 2005; **81(3)**: 242-7.
46. Carrara V, Terris-Prestholt F, Kumaranayake L, **Mayaud P**. Operational and economic evaluation of a NGO-led sexually transmitted infections (STI) intervention in north-western Cambodia. *Bulletin of the World Health Organization* 2005; **83(6)**:434-42.
47. Nagot N, Foulongne V, Becquart P, **Mayaud P**, Konate I, Ouedraogo A, Defer M-C, Weiss H, Van de Perre P, Segondy M. Longitudinal assessment of HIV-1 and HSV-2 shedding in the genital tract of West African women. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2005; **39(5)**: 632-4.
48. Watson-Jones D, Oliff M, Terris-Prestholt F, Changalucha J, Gumodoka B, **Mayaud P**, Semakafu A-M, Kumaranayake L, Gavyole A, Mabey D, Hayes R. Antenatal syphilis screening in sub-Saharan Africa: lessons learned from Tanzania. *Tropical Medicine & International Health* 2005; **10(9)**:934-43.
49. Pickering JM, Whitworth, JAG, Hughes P, Kasse M, Morgan D, Mayanja B, Van der Paal L, and **Mayaud P**. Aetiology of sexually transmitted infections and response to syndromic treatment in Southwest Uganda. *Sexually Transmitted Infections* 2005; **81(6)**: 488-93.



2006

50. Legoff J, Bouhlal H, Grésenguet G, Weiss H, Khonde N, Hocini H, Désiré N, Si-Mohamed A, Longo JdD, Chemin C, Frost E, Pépin J, Malkin JE, **Mayaud P**, Bélec L. Real-time PCR quantification of genital shedding of *Herpes simplex* and human immunodeficiency viruses in co-infected women with HSV and HIV. *Journal of Clinical Microbiology* 2006; **44(2)**: 423-32.
51. [Legoff J](#), [Tanton C](#), [Lecerf M](#), [Grésenguet G](#), [Nzambi K](#), [Bouhlal H](#), [Weiss H](#), [Bélec L](#) and the [ANRS1212 Study Group \(incl. P Mayaud\)](#). Influence of storage temperature on the stability of HIV-1 RNA and HSV-2 DNA in cervicovaginal secretions collected by vaginal washing. *Journal of Virological Methods* 2006; **138(1-2)**: 196-200.
52. Santos FC, Artimos de Oliveira S, Setúbal S, Bastos Camacho L-A, Faillace T, Gagliardi Leite J-P, Coca Velarde LG, **and The HSV International Seroprevalence Study Group (incl. P Mayaud)**. Seroepidemiological study of herpes simplex virus type 2 in patients with the acquired immunodeficiency syndrome in the City of Niterói, Rio de Janeiro, Brazil. *Mem Inst Oswaldo Cruz*, 2006; **101(3)**:315-319.
53. Didelot-Rousseau MN, Courgnaud V, Nagot N, Ouedraogo A, Konate I, **Mayaud P**, Weiss HA, Van de Perre P, Segondy M. Comparison of INNO-LiPA HPV genotyping v2 with PCR product subcloning and sequencing for identification of genital human papillomavirus genotypes in African women. *Journal of Virological Methods* 2006; **135(2)**:181-5.
54. Didelot-Rousseau MN, Nagot N, Costes-Martineau V, Vallès X, Ouedraogo A, Konate I, Weiss HA, Van de Perre P, **Mayaud P**, Segondy M for the Yerelon Study Group. Human papillomavirus genotype distribution and cervical squamous intraepithelial lesions among high-risk women with and without HIV-1 infection in Burkina Faso. *British Journal of Cancer* 2006; **95(3)**:355-62.
55. Terris-Prestholt F, Vyas S, Kumaranayake L, **Mayaud P**, Watts C. The costs of treating curable sexually transmitted infections (STI): systematic review and quantitative synthesis of the evidence. *Sexually Transmitted Diseases* 2006; **33(10 Suppl)**: S153-66.
56. Clifford GM, Gonçalves MA, Franceschi S, for the **HPV and HIV Study Group (incl. P Mayaud)**. Human papillomavirus types among women infected with human immunodeficiency virus: a meta-analysis. *AIDS* 2006; **20**: 2337-44.
57. Ouedraogo A, Nagot N, Vergne L, Konate I, Weiss HA, Defer MC, Foulongne V, Djagbare D, Sanon A, Andonaba JB, Segondy M, **Mayaud P**, Van de Perre P, for the ANRS 1285 study group. Impact of suppressive herpes therapy on genital and plasma HIV-1 RNA among women taking antiretroviral therapy in Burkina Faso: a randomised controlled trial. *AIDS* 2006; **20**: 2305-13. \*
58. Kaboru BB, Falkenberg T, Ndulo J, Muchimba M, Solo K, Fixelid E and **The Bridging Gaps Project's Research Team (incl. P Mayaud)**. Communities' views on prerequisites for collaboration between modern and traditional health sectors in relation STI/HIV/AIDS care in Zambia. *Health Policy* 2006; **78**: 330-339.

2007

59. Nascimento M-C, de Souza VAF, Sumita LM, Freire W, Munoz F, Kim J, Pannuti CS, **Mayaud P**. Comparative study of Kaposi's sarcoma-associated herpesvirus (KSHV) serological assays using clinically and serologically defined reference standards and latent class analysis. *Journal of Clinical Microbiology* 2007; **45(3)**: 715-20.
60. Nagot N, Ouedraogo A, Foulongne V, Konate I, Weiss HA, Vergne L, Defer MC, Djagbare D, Sanon A, Andonaba JB, Becquart P, Segondy M, Vallo R, Sawadogo A, Van de Perre P, **Mayaud P**, for the ANRS 1285 Study Group. Reduction of HIV-1 RNA levels with HSV suppressive therapy. *New England Journal of Medicine* 2007; **356**: 790-9. \*
61. Rousseau MN, Costes-Martineau V, Konate I, Nagot N, Foulongne V, Ouedraogo A, Van de Perre P, **Mayaud P**, Segondy M. Viral load and genomic integration of human papillomavirus type 16 DNA in cervical samples from HIV-1-infected and uninfected women in Burkina Faso. *Journal of Medical Virology* 2007; **79**: 766-770.
62. Nagot N, Ouedraogo A, Defer MC, Vallo R, **Mayaud P**, Van de Perre P. Association between bacterial vaginosis and *Herpes simplex* virus type-2 (HSV-2): implications for HIV acquisition studies. *Sexually Transmitted Infections* 2007; **83**:365-8.
63. Nascimento MC, Ferreira S, Sabino EC, Hamilton I, Parry J, Pannuti CS, **Mayaud P**. Performance of the HerpeSelect (Focus) and Kalon enzyme-linked immunosorbent assays for detection of antibodies against *Herpes simplex* virus type 2 using monoclonal antibody-blocking enzyme immunoassay (MAB-EIA) and clinico-virological reference standards in Brazil. *Journal of Clinical Microbiology* 2007; **45(7)**:2309-11.

64. de Souza VAUF, Sumita LM, Oliveira J, Nascimento MC, Mascheretti M, Quiroga M, Freire WS, Tateno A, Boulos M, **Mayaud P**, Pannuti CS. Human Herpesvirus-8 (HHV-8) infection and oral shedding in Amerindian and non-Amerindians populations of the Brazilian Amazon region. *Journal of Infectious Diseases* 2007; **196**:844-52. \*
65. LeGoff J, Weiss HA, Gresenguet G, Nzambi K, Frost E, Hayes RJ, Mabey DCW, Malkin J-E, **Mayaud P**, Belec L, and the ANRS 1212 Study Group. Cervicovaginal HIV-1 and HSV-2 shedding during genital ulcer disease episodes. *AIDS* 2007; **21(12)**:1569-1578. \*

#### 2008

66. Nascimento MC, **Mayaud P**, Sabino EC, Torres KL, Franceschi S. Prevalence of hepatitis B and C serological markers among first-time blood donors in Brazil: A multi-centre serosurvey. *Journal of Medical Virology* 2008; **80**:53-57.
67. Nagot N, Ouedraogo A, Weiss HA, Konate I, Sanon A, Defer MC, Sawadogo A, Andonaba J-B, Vallo R, Becquart P, Segondy M, **Mayaud P**, Van de Perre P for the ANRS 1285 Study Group. Longitudinal effect following initiation of highly active antiretroviral therapy (HAART) on plasma and cervico-vaginal HIV-1 RNA among women in Burkina Faso. *Sexually Transmitted Infections* 2008; **84**:167-170.
68. Vickerman P, Ndowa F, **Mayaud P**. Cost-effectiveness of incorporating episodic treatment for Herpes simplex virus type-2 (HSV-2) into the syndromic algorithm for genital ulcer disease. *Sexually Transmitted Infections* 2008; **84**:243-248.
69. Nascimento MC, Souza VAUF, Sumita LM, Freire WS, Weiss HA, Sabino EC, Franceschi S, Pannuti CS, **Mayaud P**. Prevalence of, and risk factors for, Kaposi's sarcoma-associated herpesvirus infection among blood donors in Brazil: a multicenter serosurvey. *Journal of Medical Virology* 2008; **80**:1202-1210.
70. LeGoff J, **Mayaud P**, Grésenguet G, Weiss HA, Nzambi K, Frost E, Pépin J, Bélec L & the ANRS 12-12 Study Group. Performance of HerpeSelect® and Kalon® Assays to Detect Antibodies to Herpes Simplex Virus Type 2. *Journal of Clinical Microbiology* 2008; **46(6)**:1914-1918.
71. Benzaken AS, Sabidó M, Galban EG, Pedroza V, Vasquez F, Araújo A, Peeling RW, **Mayaud P**. Field evaluation of a rapid point-of-care test for syphilis in a red-light district of Manaus, Brazil. *Sexually Transmitted Infections* 2008; **84(4)**:297-302.
72. Nagot N, Ouedraogo A, Konate I, Weiss HA, Foulongne V, Vergne L, Defer MC, Djangbare D, Sanon A, Andonaba JB, Becquart, Segondy M, Vallo R, Sawadogo A, Van de Perre P, **Mayaud P**, for the ANRS 1285 Study Group. Roles of clinical and subclinical reactivated Herpes simplex virus type-2 infection and human immunodeficiency virus type-1 (HIV-1)-induced immunosuppression on genital and plasma HIV-1 levels. *Journal of Infectious Diseases* 2008; **198(2)**:241-9. \*\*
73. **Mayaud P**, Nagot N, Konate I, Ouedraogo A, Weiss HA, Foulongne V, Vergne L, Defer MC, Sawadogo A, Segondy M, Van de Perre P for the ANRS 1285 Study Group. Effect of HIV-1 and highly active antiretroviral therapy on herpes simplex virus type 2: a prospective study in African women. *Sexually Transmitted Infections* 2008; **84(5)**:332-7.
74. Kaboru BB, Muchimba M, Falkenberg T, Höjer B, Faxelid E and **The Bridging Gaps Research Team (incl. P Mayaud)**. Quality of STIs and HIV/AIDS care as perceived by biomedical and traditional health care providers in Zambia: Are there common grounds for collaboration? *Complementary Therapies in Medicine* 2008; **16(3)**:155-162.
75. Delany S, Rosas R, Clayton T, Mlaba N, Akpomiemie G, Capovilla A, LeGoff J, Belec L, Stevens W, **Mayaud P**. Comparison of methods to collect cervico-vaginal secretions for the detection and quantification of HIV-1 RNA and HSV-2 DNA in the female genital tract. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2008; **49**:406-409.

#### 2009

76. Delany S, Mlaba N, Clayton T, Akpomiemie G, Capovilla A, Hira K, Stevens W, Rees H, **Mayaud P**. Impact of HSV-2 suppressive therapy on genital and plasma HIV-1 RNA in HIV-1 and HSV-2 seropositive women not taking anti-retroviral therapy: a randomised controlled trial in Johannesburg, South Africa. *AIDS*. 2009; **23(4)**:461-9. \*\*
77. Foss A, Vickerman PT, Chalabi Z, **Mayaud P**, Alary M, Watts CH. Dynamic modelling of herpes simplex virus type 2 (HSV-2) transmission: issues in structural uncertainty. *Bulletin of Mathematical Biology* 2009; **71(3)**:720-49.
78. Larke NL, Weiss HA, **Mayaud P**, Van de Perre P, Clayton T, Ouedraogo A, Nagot N. Design of epidemiological studies measuring genital and plasma HIV-1 outcomes: lessons from a randomised controlled trial. *Tropical Medicine & International Health* 2009; **14(3)**:1-9.
79. Sabido M, Schwartz-Benzaken A, de Andrade Rodrigues EJ, **Mayaud P**. Acceptability and operational suitability of a rapid point-of-care diagnostic test for syphilis in high-risk populations of Manaus, Brazil. *Emerging Infectious Diseases* 2009; **15(4)**:647-649. \*\*

80. Nascimento MC, Sumita LM, Ueda Souza V, Weiss HA, Oliveira J, Mascheretti M, Quiroga M, Vela RAR, Sabino E, Pannuti CS, **Mayaud P**. Kaposi sarcoma-associated herpesvirus (KSHV) in rural and urban areas of the Brazilian Amazon: seroprevalence and correlates with biological markers of oro-fecal, blood-borne, and sexually transmitted infections. *Emerging Infectious Diseases* 2009; **15(4)**:663-667. \*\*
81. Baggaley RF, Griffin JT, Chapman R, Hollingsworth TD, Nagot N, Delany S, **Mayaud P**, de Wolf F, Fraser C, Ghani AC, Weiss HA. [Estimating the public health impact of the effect of herpes simplex virus suppressive therapy on plasma HIV-1 viral load.](#) *AIDS*. 2009; **23(8)**:1005-13.
82. **Mayaud P**, LeGoff J, Weiss HA, Grésenguet G, Nzambi K, Bouhlal H, Frost E, Pépin J, Malkin JE, Hayes RJ, Mabey DCW, Bélec L and the ANRS 1212 Study Group. Impact of aciclovir on genital and plasma HIV-1 RNA and ulcer healing among HIV-infected African women with genital herpes ulcers: a randomized controlled trial. *Journal of Infectious Diseases* 2009; **200**:216-26. \*\*
83. Damay A, Didelot-Rousseau M-N, Costes V, Konate I, Ouedraogo A, Nagot N, Foulongne V, Van de Perre P, **Mayaud P**, Segondy M. Viral load and physical status of human papillomavirus (HPV) 18 in cervical samples from female sex workers infected with HPV 18 in Burkina Faso. *Journal of Medical Virology* 2009; **81(10)**:1786–1791.

## 2010

84. Delany S, Jensch U, Moyes J, Weiss H, Stevens W, Ashley R, **Mayaud P**. Comparison of Focus HerpesSelect™ and Kalon HSV-2 gG2 ELISA™ serological assays to detect herpes simplex virus type 2 (HSV-2) antibodies in a South African population. *Sexually Transmitted Infections* 2010; **86(1)**: 46-50.
85. Sanon A, Traoré I, Diallo R, Ouédraogo A, Andonaba J, Konate I, Berthe A, Huet C, Msellati P, Visier L, **Mayaud P**, Nagot N. [Do commercial sex workers who discuss treatment with family and friends adhere to it better?][French]. *Cahiers Santé*. 2009; **19(2)**: 95-9.
86. Low A, Didelot-Rousseau M-N, Nagot N, Ouedraogo A, Konate I, Clayton T, Van de Perre P, Segondy M, **Mayaud P**. Cervical infection with Human Papillomavirus (HPV) 6 or 11 in high-risk women in Burkina Faso. *Sexually Transmitted Infections* 2010; **86**: 342-344.
87. Phiri S, Hoffman IF, Weiss HA, Martinson F, Nyirenda N, Kamwendo D, Fiscus SA, Chen C-Y, Miller WC, van der Hoeven L, Chilongozi D, Cohen MS and **Mayaud P**. Impact of acyclovir on ulcer healing and lesional, genital and plasma HIV-1 RNA among patients with genital ulcer disease in Malawi. *Sexually Transmitted Infections* 2010; **86(5)**: 345-52.
88. Souza VA, Salzano FM, Petzl-Erler ML, Nascimento MC, **Mayaud P**, Borges JD, Pannuti CS. Variations in human herpesvirus type 8 seroprevalence in native Americans, South America. *Emerging Infectious Diseases* 2010 Jun; **16(6)**: 1003-6. \*\*
89. Cornier N, Petrova E, Cavailler P, Dentcheva R, Terris-Prestholt F, Janin A, Ninet B, Anguenot J-L, Vassilakos P, Gerbase A, **Mayaud P**. Optimising the management of vaginal discharge syndrome in Bulgaria: cost-effectiveness of four clinical algorithms with risk-assessment. *Sexually Transmitted Infections* 2010; **86**:303-09.

## 2011

90. Biraro S, **Mayaud P**, Ashley Morrow R, Grosskurth H, Weiss HA. Performance of commercial Herpes Simplex Virus type-2 (HSV-2) antibody tests using serum samples from sub-Saharan Africa: A systematic review and meta-analysis. *Sexually Transmitted Diseases* 2011; **38(2)**: 140-7.
91. Foss AM, Vickerman PT, **Mayaud P**, Weiss HA, Ramesh BM, Reza-Paul S, Washington R, Blanchard J, Moses S, Lowndes CM, Alary M and Watts CH. Modelling the interactions between herpes simplex virus type-2 (HSV-2) and HIV: implications for the HIV epidemic in southern India. *Sexually Transmitted Infections* 2011; **87(1)**: 22-7.
92. Quentin W, Adu-Sarkodie Y, Terris-Prestholt F, Legood R, Opoku BK, **Mayaud P**. Costs of cervical cancer screening and treatment using visual inspection with acetic acid (VIA) and cryotherapy in Ghana: The importance of scale. *Tropical Medicine and International Health* 2011; **16(3)**: 379-89.
93. Low A, Clayton T, Konate I, Nagot N, Ouedraogo A, Huet C, Didelot-Rousseau M-N, Segondy M, Van de Perre P, **Mayaud P** and the Yérélon Cohort Study Group. Genital warts and infection with human immunodeficiency virus (HIV) in a cohort of high-risk women in Burkina Faso. *BMC Infectious Diseases* 2011 Jan 20; **11(1)**: 20.
94. Vickerman P, Devine A, Foss A, Delany-Moretlwe S, **Mayaud P**, Meyer-Rath G. The cost-effectiveness of herpes simplex virus-2 (HSV-2) suppressive therapy with daily acyclovir among HIV-1 infected women in South Africa. *Sexually Transmitted Diseases* 2011, Feb 10; [Epub ahead of print].

95. LeGoff J, Grésenguet G, Gody C, Longo J-d-D, Nzambi K, Weiss HA, **Mayaud P**, Bélec L and the ANRS 12-12 Study Group. Performance of the BioPlex™ 2200 multiplexing immunoassay platform for the detection of herpes simplex virus type 2 specific antibodies to in African settings. *Clinical and Vaccine Immunology* 2011; **18(7)**: 1191-1193.
96. Burris H, Adu-Sarkodie Y, Parkhurst J, **Mayaud P**. Getting Research into Policy – Herpes Simplex Virus Type-2 (HSV-2) Treatment and HIV Infection: International Guidelines Formulation and the Case of Ghana. *Health Research Policy and Systems* 2011; **9(Suppl 1)**: S5.
97. Delany-Moretlwe S, Stadler J, **Mayaud P**, Rees H. Investing in the future: lessons learnt from communicating the results of HSV/ HIV intervention trials in South Africa. *Health Research Policy and Systems* 2011; **9(Suppl 1)**: S8.
98. Tulloch O, **Mayaud P**, Adu-Sarkodie Y, Opoku BK, Oye Lithur N, Sickle E, Delany-Moretlwe S, Wambura M, Chungalucha J, Theobald S. Using research to influence sexual and reproductive health practice and implementation in Sub-Saharan Africa: a case-study analysis. *Health Research Policy and Systems* 2011; **9(Suppl 1)**: S10.
99. Weiss HA, Paz Bailey G, Phiri S, Gresengué G, LeGoff J, Pepin J, Lewis DA, Belec L, Hoffman I, Miller WC, **Mayaud P**. Episodic therapy for genital herpes in sub-Saharan Africa: A pooled analysis from three randomised controlled trials. *PLoS One* 2011; **6(7)**: e222601. \*\*
100. Levi JE, Nascimento MC, Sumita LM, Souza VAUF, Freire WS, **Mayaud P**, Pannuti CS. Non-detection of human herpesvirus 8 (HHV-8) DNA in HHV-8-seropositive blood donors from three Brazilian regions. *PLoS One* 2011; **6(8)**: 223456.
101. Konate I, Traore I, Ouedraogo A, Sanon A, Diallo R, Ouedraogo JL, Huet C, Millogo I, Andonaba JB, **Mayaud P**, Van de Perre P, and Nagot N. Linking HIV prevention and care for community interventions among high-risk women in Burkina Faso - The ARNS 1222 'Yerelon' cohort. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2011; **57**: S50-S54.
102. Huet C, Ouedraogo A, Konate I, Traore I, Rouet F, Ouiminga A, Sanon A, **Mayaud P**, Van de Perre P, Nagot N for the ANRS 1222 Yerelon Study Group. Virological, immunological and mortality outcomes in a cohort of women at high-risk of HIV transmission treated with highly active antiretroviral therapy in Africa. *BMC Public Health* 2011; **11**: 700.

## 2012

103. Benzaken AS, Sabidó M, Galban E, Rodrigues Dutra DL, Leturiondo AL, **Mayaud P**. HIV and sexually transmitted infections at the borderlands: Situational analysis of sexual health (SASH) in the Brazilian Amazon. *Sexually Transmitted Infections* 2012; **88(4)**: 294-300.
104. Labbé AC, Pépin J, Khonde N, Dzokoto A, Méda H, Asamoah-Adu C, **Mayaud P**, Mabey D, Demers E, Alary M. Periodical antibiotic treatment for the control of gonococcal and chlamydial infections among sex workers in Benin and Ghana: a cluster-randomized controlled trial. *Sexually Transmitted Diseases* 2012 Apr; **39(4)**: 253-259.
105. Borges JD, Souza VAUF, Giambartolomei C, Dudbridge F, Freire WS, Gregório SA, Quispe Torrez PP, Quiroga M, **Mayaud P**, Pannuti CS, Nascimento MC. Transmission of Human Herpesvirus Type 8 Infection within Families in American Indigenous Populations from the Brazilian Amazon. *Journal of Infectious Diseases* 2012 Jun; **205(12)**:1869-76. Epub 2012 Apr 3
106. Chico M, **Mayaud P**, Ariti C, Ronsmans C, Mabey D, Chandramohan D. A systematic review and meta-analysis of malaria and sexually transmitted and reproductive tract infections (STI/RTI) in pregnancy in sub-Saharan Africa: Opportunities for antenatal intervention. *Journal of the American Medical Association (JAMA)* 2012, May 16; **307(19)**: 2079-86. \*\*
107. Watson-Jones D, Baisley K, Ponsiano R, Lemme F, Remes P, Ross D, Kapiga S, **Mayaud P**, de Sanjosé S, Wight D, Chungalucha J, Hayes R. Human Papillomavirus vaccination in Tanzanian schoolgirls: cluster-randomised trial comparing two vaccine delivery strategies. *Journal of Infectious Diseases* 2012; ep 1; **206(5)**:678-86. doi: 10.1093/infdis/jis407. Epub 2012 Jun 18
108. MacPhail C, Delany-Moretlwe S, **Mayaud P**. "It's not about money, it's about my health": Determinants of participation and adherence among women in an HIV-HSV2 prevention trial in Johannesburg, South Africa. *Patient Preference and Adherence (DovePress)* 2012; **6**:579-88. Epub 2012 Aug 14.

## 2013

109. Sow PS, Watson-Jones D, Kiviat N, Chungalucha J, Diallo Mbaye K, Brown J, Bouso K, Kavishe B, Andreasen A, Toure M, Kapiga S, **Mayaud P**, Hayes R, Lebacqz M, Herazeh M, Thomas F, Descamps D. Safety and Immunogenicity of Human Papillomavirus-16/18 AS04-Adjuvanted Vaccine: A Randomized Trial in 10-25-Year-Old HIV-Seronegative African Girls and Young Women. *Journal of Infectious Diseases* 2013 Jun; **207(11)**:1753-63.

110. Watson-Jones D, Baisley K, Brown J, Kavishe B, Andreasen A, Changalucha J, **Mayaud P**, Kapiga S, Gumodoka B, Hayes R, de Sanjose S. High Prevalence and Incidence of Human Papillomavirus in a Cohort of Healthy Young African Females. *Sexually Transmitted Infections* 2013; Aug; **89(5)**:358-65.
111. Berthé A, Traoré I, Berthé-Sanou L, Somé J, Salouka S, Rouamba J, **Mayaud P**, Nagot N, Méda N. Acceptabilité d'un essai vaccinal contre le VIH à moyen terme au Burkina Faso : perceptions des acteurs. [[Medium-term acceptability of HIV vaccine clinical trials in Burkina Faso: stakeholders' perceptions](#)]. *Revue Française de Santé publique (RSP)* 2013; **25(5)**:675-683.
112. Berthé A, Traoré I, Somé J, Berthé-Sanou L, Salouka S, Rouamba J, **Mayaud P**, Nagot N, Méda N. L'expérience burkinabè de constitution d'un Comité Consultatif Communautaire (CCC) pour un meilleur accompagnement des projets de recherche sur le VIH. [[The Burkinabe experience of the creation of a Community Advisory Committee to improve the support of HIV research projects](#)]. *Revue Française de Santé publique (RSP)* 2013; **25(6)**:829-37.
113. Ngou J, Magooa MP, Gilham C, Djigma F, Didelot MN, Kelly H, Yonli A, Sawadogo B, Lewis DA, Delany-Moretlwe S, **Mayaud P**, Segondy M for the HARP Study Group. Comparison of CareHPV and Hybrid Capture 2 Assays for Detection of High-Risk HPV DNA in Cervical Samples from HIV1-Infected African Women. *Journal of Clinical Microbiology* 2013 Dec; **51(12)**:4240-2.
114. Phiri S, Zadrozny S, Martinson F, Nyirenda N, Kamwendo D, Chen C-Y, Chi K-H, Weiss HA, Miller WC, Cohen MS, **Mayaud P** and Hoffman IF. Etiology of Genital Ulcer Disease and association with HIV infection in Malawi. *Sexually Transmitted Diseases* 2013 Dec; **40(12)**:923-8.

#### 2014

115. Low AJ, Konate I, Nagot N, Weiss HA, Mabey DCW, Segondy M, Vickerman P, Méda N, van de Perre P **Mayaud P**, for the Yerelon Cohort study group. *Neisseria gonorrhoeae* and *Chlamydia trachomatis* infection in HIV-1-infected women taking antiretroviral therapy in Burkina Faso. *Sexually Transmitted Infections* 2014; **90(2)**:100-3.
116. Low AJ, Konate I, Nagot N, Weiss HA, Kania D, Vickerman P, Segondy M, Mabey D, Pillay D, Meda N, van de Perre P, **Mayaud P**. Cervico-vaginal HIV-1 shedding in women taking antiretroviral therapy in Burkina Faso: A longitudinal study. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2014; **65(2)**:237-45.
117. Brown J, Baisley K, Bazil B, Changalucha J, Andreasen A, **Mayaud P**, Gumodoka B, Kapiga S, Hayes R, Watson-Jones D. Impact of malaria and helminth infections on immunogenicity of the human papillomavirus-16/18 AS04-adjuvanted HPV16/18 vaccine in Tanzania. *Vaccine* 2014; **32(5)**:611-17.
118. Cianci F, Sweeney S, Konate I, Nagot N, Low A, **Mayaud P**, Vickerman P. The cost of providing combined prevention and treatment services, including ART to female sex workers in Burkina Faso. *PLoS One* 2014; **9(6)**:e100107.

#### 2015

119. Ngou J, Gilham C, Omar T, Goumbri-Lompo O, Doutre S, Michelow P, Kelly H, Didelot MN, Chikandiwa A, Sawadogo B, Delany-Moretlwe S, Méda N, Costes V, **Mayaud P**, Segondy M, on behalf of the HARP Consortium. Comparison of Analytical and Clinical Performances of the Digene HC2 HPV DNA Assay with the INNO-LiPA HPV Genotyping Assay for Cervical Cancer Screening in African Women Infected with HIV-1 – HARP study. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2015 Feb 1; **68(2)**:162-8.
120. Low A, Nagot N, Konate I, Méda N, Segondy M, Van de Perre P, **Mayaud P**, Vickerman P. The Potential Impact of Antiretroviral use in Female Sex Workers on transmission of HIV in Burkina Faso: A Modelling Study. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2015 Mar 1; **68(Suppl 2)**:S180-8.
121. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Factors associated with failure to screen for syphilis during antenatal care in Ghana: a case control study. *BMC Infectious Diseases* 2015 Mar 13; **15**:125.
122. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Estimating the uptake of maternal syphilis screening and other antenatal interventions before and after national rollout of syphilis point-of-care testing in Ghana. *International Journal Gynaecology & Obstetrics* 2015 Jun; **130 Suppl 1**: S63-9.
123. Le Goff J, Roques P, Jénabian M-A, Charpentier C, Brochier-Armanet C, Bouhlal H, Grésenguet G, Frost E, Pépin J, **Mayaud P**, Bélec L. Variability of HIV-1 in the female genital reservoir during genital reactivation of herpes simplex virus type 2 (HSV-2). *Clinical Microbiology and Infection* 2015 Sep; **21(9)**: 873.e1-9.

124. Traoré IT, Méda N, Héma NM, Ouedraogo D, Somé F, Somé R, Niessougou J, Sanon A, Konaté I, Van De Perre P, **Mayaud P**, Nagot N. HIV prevention and care services for female sex workers: efficacy of a targeted community-based intervention in Burkina Faso. *J International AIDS Society (JIAS)* 2015, **18**: 20088. [OA]
125. Low AJ, Nagot N, Weiss HA, Konate I, Dramane Kania D, Segondy M, Meda N, van de Perre P, **Mayaud P**. Herpes simplex virus type-2 cervico-vaginal shedding among high-risk women living with HIV-1 initiating antiretroviral therapy in Burkina Faso: an 8-year longitudinal study. *Journal of Infectious Diseases* 2015 Oct 15. pii: jiv495.

#### 2016

126. Traore IT, Hema NM, Sanon A, Some F, Ouedraogo D, Some R, Niessougou J, Konate I, **Mayaud P**, Van De Perre P, Meda N, Nagot N. HIV risk and behaviour among part-time versus professional female sex workers: baseline report of an interventional cohort in Burkina Faso. *Sexually Transmitted Infections* 2016 Feb 1. pii: sextrans-2015-052038.
127. Kolia-Diafouka P, Foulongne V, Boulle N, Ngou J, Kelly H, Sawadogo B, Delany-Moretlwe S, **Mayaud P**, Segondy M on behalf of the HARP Study Group. Detection of four human polyomaviruses (MCPyV, HPyV6, HPyV7 and TSPyV) in cervical specimens from HIV-infected and HIV-uninfected women. *Sexually Transmitted Infections* 2016 Mar 24; pii: sextrans-2015-052430. doi: 10.1136/sextrans-2015-052430. [OA]
128. Segondy M, Kelly H, Magooa-Mahalpe P, Djigma F, Ngou J, Gilham C, Omar T, Goumbri-Lompo O, Michelow P, Doutre S, Clavero O, Chikandiwa A, Sawadogo B, Costes V, Méda N, Delany-Moretlwe S, and **Mayaud P** for the HARP Study Group. Performance of the *careHPV* test for cervical cancer screening among women living with HIV-1 in Burkina Faso and South Africa: HARP Study. *British Journal of Cancer* 2016 Aug 9; **115(4)**: 425-30. doi: 10.1038/bjc.2016.207.
129. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Performance of syphilis sentinel surveillance in Ghana in the context of endemic treponematoses. *BMC Infectious Diseases*. 2016; **16**: 745.

#### 2017

130. Kelly HA, Sawadogo B, Chikandiwa A, Segondy M, Gilham C, Lompo O, Omar T, Didelot MN, Nagot N, Meda N, Weiss HA, Delany-Moretlwe S, **Mayaud P** for the HARP Study Group. Epidemiology of high-risk Human Papillomavirus and cervical lesions in African women living with HIV-1: impact of antiretroviral therapy. *AIDS* 2017 Jan 14; **31(2)**: 273-285.
131. Kelly H, Ngou J, Chikandiwa A, Sawadogo B, Gilham C, Omar T, Lompo O, Doutre S, Méda N, Weiss HA, Delany-Moretlwe S, Segondy M, **Mayaud P** for The HARP Study Group. Associations of Human Papillomavirus (HPV) genotypes with high-grade cervical lesions in a cohort of women living with HIV/AIDS in Africa. *PLoS One* 2017 Mar 23; **12(3)**: e0174117.
132. Korenromp E, Mahiané G, Nagelkerke N, Rowley J, Abu-Raddad L, Ndowa F, El-Ketthani A, El-Rhilani H, **Mayaud P**, Chico M, Steen R, Pretorius C, Stover J, Taylor M, Wi T. National trends in adult gonorrhoea and syphilis prevalence in low- and middle-income countries: Methods of the Spectrum-STI model and estimates for pilot countries Zimbabwe and Morocco. *Sexually Transmitted Infections* 2017 Mar 21. pii: sextrans-2016-052953).
133. Obiri-Yeboah D, Adu-Sarkodie Y, Djigma F, Akakpo K, Aniakwa-Bonsu E, Amoako-Sakyi D, Simpore J, **Mayaud P**. Options in human papillomavirus (HPV) detection for cervical cancer screening: comparison between full genotyping and a rapid qualitative HPV DNA assay in Ghana. *Gynecologic Oncology Research & Practice* 2017 Mar 3; **4**:5.
134. Doutre S, Omar T, Goumbri-Lompo O, Kelly H, Clavero O, Zan S, Chikandiwa A, Sawadogo B, Delany-Moretlwe S, Costes V, **Mayaud P**, Segondy M, on behalf of the HARP Study Group. Cervical intraepithelial neoplasia (CIN) in African women living with HIV: Role and effect of rigorous histopathological review by a panel of pathologists in the HARP study endpoint determination. *Journal of Clinical Pathology* 2017; Jun 9. pii: jclinpath-2017-204512. doi: 10.1136/jclinpath-2017-204512.
135. Chikandiwa A, Chimoyi L, Pisa PT, Chersich MF, Muller EF, Michelow P, **Mayaud P**, Delany-Moretlwe S. Prevalence of anogenital HPV infection, related disease and risk factors among HIV-infected men in inner-city Johannesburg, South Africa: Baseline findings from a cohort study. *BMC Public Health*. 2017; **17(suppl 3)**: 425.
136. Obiri-Yeboah D, Adu-Sarkodie Y, Djigma F, Hayfron-Benjamin A, Latif A, Simpore J, **Mayaud P**. Self-collected vaginal sampling for the detection of genital human papillomavirus (HPV) using *careHPV* among Ghanaian women. *BMC Women's Health*. 2017; **17**: 86 DOI 10.1186/s12905-017-0448-1
137. Obiri-Yeboah D, Akakpo K, Mutocheluh M, Adjei-Danso E, Allornuvor G, Amoako-Sakyi D, Adu-Sarkodie Y, **Mayaud P**. Epidemiology of cervical human papillomavirus (HPV) infection and squamous intraepithelial lesions (SIL) among a cohort of HIV-infected and uninfected Ghanaian women. *BMC Cancer* 2017 Oct 16; **17(1)**: 688. doi: 10.1186/s12885-017-3682-x.

138. Braz-Silva PH, Tozzeto-Mendonza TR, Sumita LM, Freire W, Palmieri M, Matins VAO, **Mayaud P**, Silva V, Gallottini M, Pannuti CS. Prospective Study of Human Herpes Virus 8 (HHV-8) Oral Shedding, Viremia and Serological status among HIV Seropositive and Seronegative Individuals in Sao Paulo, Brazil. *Journal of Oral Microbiology*. 2017 Oct 15; **9(1)**: 1384287.
139. Kelly H, Weiss HA, Benavente-Moreno Y, de Sanjose S, **Mayaud P** & ART and HPV Review Group. Associations of antiretroviral therapy with high-risk human papillomavirus (HPV), cervical intraepithelial neoplasia and invasive cervical cancer: a systematic review and meta-analysis. *Lancet HIV*. 2017 Oct 26. pii: S2352-3018(17)30149-2.
140. Kelly H, **Mayaud P**, Segondy M, Pant Pai N, Peeling R. A Systematic Review and Meta-analysis of Studies Evaluating the Performance of Point-of-Care Tests for Human Papillomavirus (HPV) Screening. *Sexually Transmitted Infections* 2017; **93**: S36-S45.

## 2018

141. Segondy M, Ngou J, Kelly H, Omar T, Goumbri-Lompo O, Doutre S, **Mayaud P**, Didelot M-N. Diagnostic value of human papillomavirus (HPV) 16 and HPV18 viral loads and integration status for the detection of high-grade cervical intraepithelial neoplasia in a cohort of African women living with HIV. *Journal of Clinical Virology* 2018 Jan 16; **99-100**: 79-83.
142. Dassah ET, Adu-Sarkodie Y, **Mayaud P**. Rollout of rapid point of care tests for antenatal syphilis screening in Ghana: Health care provider perspectives and experiences. *BMC Health Services Research*. 2018 Feb 20; **18(1)**: 130.
143. Chikandiwa A, Pisa PT, Chersich MF, Muller EF, **Mayaud P**, Delany-Moretlwe S. Oropharyngeal HPV infection: prevalence and sampling methods among HIV-infected men in South Africa. *International Journal of STD & AIDS* 2018 Jul; **29(8)**: 776-780. doi: 10.1177/0956462418755882.
144. Ben Farhat J, Blanchet K, Juul-Bjertrup P, Veizis A, Perrin C, Coulborn RM, **Mayaud P**, Cohuet S. Syrian refugees in Greece: experience with violence, mental health status and access to information during journey and while in Greece. *BMC Medicine* 2018 Mar 13; **16(1)**: 40. doi: 10.1186/s12916-018-1028-4.
145. Looker K, Rönn MM, Brock PM, Brisson M, Drolet M, **Mayaud P**, Boily MC. Evidence of synergistic relationships between HIV and human papillomavirus (HPV): Systematic reviews and meta-analyses of longitudinal studies of HPV acquisition and clearance by HIV status, and of HIV acquisition by HPV status. *Journal of the International AIDS Society (JIAS)* 2018 Jun; **21(6)**: e25110. doi: 10.1002/jia2.25110.
146. Chikandiwa A, Kelly H, Sawadogo B, Ngou J, Pisa PT, Gibson L, Didelot MN, Meda N, Weiss HA, Segondy M, **Mayaud P**, Delany-Moretlwe S; HARP Study Group. Prevalence, incidence and correlates of low risk HPV infection and anogenital warts in a cohort of women living with HIV in Burkina Faso and South Africa. *PLoS One*. 2018 May 1; **13(5)**: e0196018. doi: 10.1371/journal.pone.0196018
- 147.** Kelly H, Faust H, Chikandiwa A, Ngou J, Weiss HA, Segondy M, Dillner J, Delany-Moretlwe S, **Mayaud P**. Human papillomavirus serology among women living with HIV: Type-specific seroprevalence, seroconversion and risk of cervical re-infection. *Journal of Infectious Diseases* 2018 Aug 14; **218(6)**: 927-936. doi: 10.1093/infdis/jiy252. **(Editors note: article in the top 10 percent of the most downloaded JID articles from the past two years 2018-19)**
148. Kelly H, Chikandiwa A, Warman R, Segondy M, Sawadogo B, Vasiljevic N, Didelot MN, Meda N, Weiss HA, Delany-Moretlwe S, **Mayaud P**, Lorincz A. Associations of human tumour suppressor gene *EPB41L3* DNA methylation and cervical intraepithelial neoplasia in women living with HIV-1 in Africa. *AIDS* 2018 Sep 24; **32(15)**: 2227-2236.
149. Bjertrup PJ, Bouhenia M, **Mayaud P**, Perrin C, Ben Farhat J, Blanchet K. A life in waiting: Refugees' mental health and narratives of social suffering after European Union border closures in March 2016. *Social Sciences & Medicine* 2018 Oct; **215**: 53-60.
150. O'Reilly KM, Lowe R, Edmunds J, **Mayaud P**, Kucharski A, Eggo R, Funk S, Bhatia D, Khan K, Kraemar M, Wilder-Smith A, Rodrigues L, Brasil P, Massad E, Jaenisch T, Cauchemez S, Brady O, Yakob L. Projecting the end of the Zika virus epidemic in Latin America: a modelling analysis. *BMC Medicine* 2018 Oct 3; **16(1)**: 180.
151. Koopmans AGM, de Lamballerie X, Jaenisch T, on behalf of **ZIKAlliance WP1/2 clinical and laboratory partners (incl. P Mayaud)**. Familiar barriers still unresolved – a perspective on the Zika virus outbreak research response. *Lancet Infectious Diseases*. 2018; Nov 9. pii: S1473-3099(18)30497-3. doi: 10.1016/S1473-3099(18)30497-3.
152. Avelino-Silva V, Alvarenga C, Tozzetto-Mendoza T, Canto CL, Manuli E, Abreu C, Mendes-Correa MC, Sabino EC, Figueiredo WM, Pannuti CS, Segurado AC, **Mayaud P**. Potential effect of Zika virus infection on human male fertility. *Revista do Instituto de Medicina Tropical de São Paulo*. 2018 Oct 25; **60**: e64.

2019

153. Ong JJ, Mahlape Precious Magooa MP, Chikandiwa A, Kelly H, Didelot M-N, Muller EE, Maseko V, Segondy M, Delany-Moretlwe S, Kularatne R, **Mayaud P**, on behalf of the HARP Study Group. Prevalence and antimicrobial resistance of *Mycoplasma genitalium* infection among women living with HIV in South Africa: a prospective cohort study. *Clinical Infectious Diseases* 2019; Aug 16; **69(5)**: 873-876. doi: 10.1093/cid/ciz045.
154. Brady OJ, Osgood-Zimmerman A, Kassebaum NJ, Ray SE, de Araujo VEM, da Nobrega AA, Frutuoso LCV, Lecca RCR, Stevens A, Zoca de Oliveira B, de Lima Jr. JM, Bogoch II, **Mayaud P**, Jaenisch T, Mokdad AH, Murray CJ, Hay SI, Reiner Jr RC, Marinho F. The association between Zika virus infection and microcephaly in Brazil 2015–2017: An observational analysis of over 4 million births. *PLoS Med* 2019; **16(3)**: e1002755. (featured article in the issue of *PLoS MED*; featured in *Nature Kids*)
155. Chikandiwa A, Pisa PT, Muller EE, Tamalet C, **Mayaud P**, Chersich MF, Delany-Moretlwe S. Incidence, persistence, clearance, and correlates of genital human papillomavirus infection and anogenital warts in a cohort of men living with Human Immunodeficiency Virus in South Africa. *Sexually Transmitted Diseases* 2019; **46(5)**: 347-353.
156. Tozetto-Mendoza T, Avelino-Silva V, Fonseca S, Morales Claro I, de Paula A, Levin AS, Sabino E, Mendes-Correa MC, Figueiredo W, Felix AC, Santiago Souza AC, Costa AA, Inenami M, da Silva RMG, Levi JE, Romano CM, Segurado A, **Mayaud P**. Zika virus infection among patients presenting with acute arboviral syndrome in Sao Paulo State, Brazil: prevalence, clinical characteristics viral detection in body fluids and serodynamics. *Revista do Instituto de Medicina Tropical de São Paulo*. 2019; **61**: e19.
157. Namale G, Kamacooko O, Bagiire D, Mayanja Y, Abaasa A, Kilembe W, Price M, Ssemwanga D, Lunkuse S, Nanyonji M, Ssenyonga W, **Mayaud P**, Newton R, Kaleebu P, Seeley J. Sustained Virological Response and Drug Resistance among Female Sex Workers Living with HIV on Antiretroviral Therapy in Kampala, Uganda: a cross sectional study. *Sexually Transmitted Infections* 2019 Sep; **95(6)**: 405-411. doi: 10.1136/sextrans-2018-053854. Epub 2019 Jul 2.
158. Ong JJ, Magooa MP, Chikandiwa A, Kelly H, Didelot MN, Muller EE, Maseko V, Segondy M, Delany-Moretlwe S, Kularatne R, **Mayaud P**, on behalf of the HARP Study Group. Clinical characteristics of *Mycoplasma genitalium* infection among women living with HIV in South Africa. *Sexually Transmitted Diseases* 2019 Dec; **46(12)**: 801-804. doi: 10.1097/OLQ.0000000000001054.
159. Nisida IV, Castro Boulos M-I, Britto da Silva LM, **Mayaud P**, Avelino-Silva VI, Segurado AC. Predictors of adherence to HIV post-exposure prophylaxis and retention in care after an episode of sexual violence in Brazil. *AIDS Patient Care & STDs* 2019, Sep; **33(9)**: 399-405. doi: 10.1089/apc.2019.0080.
160. Gabster A, **Mayaud P**, Pascale JM, Cislighi B. How Gender Norms affect indigenous adolescents' sex-related choices and actions: a qualitative study in Panama. *Culture Health & Sexuality*. 2019; **Aug 20**: 1-15. doi: 10.1080/13691058.2019.1648873.
161. Gabster A, Pascale JM, Cislighi B, Francis S, Weiss HA, Martinez A, Ortiz A, Herrera M, Herrera G, Gantes C, Quiel Y, Ríos A, Campbell E, **Mayaud P**. High prevalence of sexually transmitted infections, and high-risk sexual behaviors among indigenous adolescents of the Comarca Ngäbe-Buglé, Panama. *Sexually Transmitted Diseases* 2019, 19 Dec; **46(12)**: 780-787. doi: 10.1097/OLQ.0000000000001070.
162. Kelly H, Benavente Moreno Y, Pavon MA, de Sanjose S, **Mayaud P**, Lorincz A. Performance of DNA methylation assays for detection of high-grade cervical intraepithelial neoplasia (CIN): a systematic review and meta-analysis. *British Journal of Cancer* 2019 Nov; **121(11)**: 954-965. doi: 10.1038/s41416-019-0593-4.
163. Stuart A, Obiri-Yeboah D Adu-Sarkodie Y, Hayfron-Benjamin A, Akorsu AD, **Mayaud P**. Knowledge and experience of human papillomavirus (HPV) and cervical cancer screening in a cohort of HIV-positive and HIV-negative Ghanaian women. *BMC Women's Health* 2019 Oct 23; **19(1)**: 123. doi: 10.1186/s12905-019-0818-y).

2020

164. Van de Wijgert JHHM, Gill C, Chikandiwa A, Verwijs M, Kelly HA, Omar T, Delany-Moretlwe S, Segondy M, Francis S, Darby A, **Mayaud P**. Human papillomavirus infection and cervical dysplasia in HIV-positive women: potential role of the microbiota. *AIDS* 2020 Jan 1; **34(1)**: 115-125. doi: 10.1097/QAD.0000000000002381.
165. Voordouw ACG, Rockx B, Jaenisch TJ, Fraaij P, **Mayaud P**, Vossen ACTM, Koopmans M. TORCH diagnostic practice analysis to improve pre- and postnatal testing of Zika virus infection. *Clinical Microbiological Reviews* 2019; (in press).



166. Kelly H, Chikandiwa A, Alemany Vilches L, Palefsky JM, de Sanjose S, **Mayaud P**. Effective antiretroviral therapy, anal high-risk human papillomavirus, anal intraepithelial neoplasia and anal cancer: a systematic review and meta-analysis. *Lancet HIV* (in press).
167. Ong JJ, Baggaley RC, Wi TE, Tucker JD, Fu HT, Smith K, Rafael S, Anglade V, Falconer J, Ofori-Asenso R, terries-Prestholt F, Hodges-Mameletzis I, **Mayaud P**. Epidemiology of sexually transmitted infections in HIV pre-exposure prophylaxis users: A systematic review and meta-analysis. *JAMA Network Open* 2019; (accepted).
168. Avelino-Silva VI, **Mayaud P**, Rosenberger KD, et al... [...], Jaenisch T, and the ZIKAlliance Clinical Study Group. Multicentric cohorts to study Zika virus infection in pregnant women, infants and acute clinical cases in Latin America and the Caribbean: the ZIKAlliance Consortium. *BMC Infectious Diseases* (accepted).

## **(ii) Letters, editorials and reviews in peer-reviewed journals**

- 1996
1. Msuya W, **Mayaud P**, Mkanje R, Grosskurth H. Taking early action in emergencies to reduce the spread of STDs and HIV. *Africa Health* 1996; **18(5)**:24.
- 1997
2. Mwijarubi E & **Mayaud P**. Tanzania: integrating STD management. *Lancet* 1997; **349 (suppl II)**: SII28.
  3. Mabey D & **Mayaud P**. Sexually transmitted diseases in mobile populations. (Editorial). *Genitourinary Medicine* 1997; **73**:18-22.
  4. **Mayaud P**. Tackling bacterial vaginosis and HIV in developing countries (Editorial). *Lancet* 1997; **350**:530-1
  5. **Mayaud P**. Vaginite bacterienne et VIH: S'agit-il d'une priorité de santé publique dans les pays en développement? (Editorial). *Transcriptases* 1997; **60**:16-18.
- 1998
6. **Mayaud P**, Hawkes S, Mabey D. Advances in STD control in developing countries. (Editorial). *Lancet* 1998; **351(suppl III)**: SIII 29-32.
- 1999
7. **Mayaud P**, for Clinical Effectiveness Group (AGUM/MSSVD). National guidelines for the management of lymphogranuloma venereum. *Sexually Transmitted Infections* 1999; **75(suppl I)**: S40-S42.
    - Revised 2001 (for MSSVD 2002 Guidelines) (web-published)
    - Revised 2006 (for BASHH 2006 Guidelines) (<http://www.bashh.org/documents/92/92.pdf>)
  8. **Mayaud P**, for Clinical Effectiveness Group (AGUM/MSSVD). National guideline for the management of chancroid. *Sexually Transmitted Infections* 1999; **75(suppl I)**: S43-S45.
    - Revised 2001 (for MSSVD 2002 Guidelines) (web-published)
    - Revised 2006 (for BASHH 2007 Guidelines) (<http://www.bashh.org/documents/85/85.pdf>)
- 2000
9. **Mayaud P** & Mabey D. Cutting Edge Review - Managing sexually transmitted diseases in the tropics: is a laboratory really needed? (Review). *Tropical Doctor* 2000; **30**:42-46.
  10. Bélec L, Grésenguet G, Mbopi-Keou F-X, **Mayaud P**. High frequency of asymptomatic shedding of herpes simplex virus type 2 in African women. (Letter). *Clinical Microbiology & Infection* 2000; **6(1)**: 56-7.
  11. **Mayaud P** & Belec L. L'importance de l'herpès comme cofacteur du VIH. (Review). *Transcriptase* 2000; **87(suppl)**: 45-49.
- 2001
12. **Mayaud P** & McCormick D. Interventions against sexually transmitted infections (STI) to prevent HIV infection. (Review). *British Medical Bulletin* 2001; **58**: 129-153.
- 2002
13. **Mayaud P**, West B, Lloyd-Evans N, Seck K. GASP-WAR: West African network to tackle gonorrhoea. (Correspondence). *Lancet* 2002; **359**: 173-173.
  14. Belec L, Mbopi-Keou F-X, Roubache J-F, **Mayaud P**, Paul J-L, Gresenguet G. Vitamin A deficiency and genital tract infections in women living in Central Africa (Letter). *Journal of Acquired Immune Deficiency Syndrome (JAIDS)* 2002; **29**: 203-4.

### 2003

15. Mbopi-Kéou F-X, Robinson NJ, **Mayaud P**, Bélec L and DWG. Brown. Herpes simplex virus type 2 and heterosexual spread of human immunodeficiency virus infection in developing countries: hypotheses and research priorities. (Review). *Clinical Microbiology & Infection* 2003; **9(3)**: 161-171.
16. Hawkes S, Mabey D, **Mayaud P**. Partner notification for the control of sexually transmitted infections. (Editorial). *British Medical Journal* 2003; **327**: 633-4.

### 2004

17. **Mayaud P**, Mabey DCW. Approaches to the control of sexually transmitted infections (STI) in developing countries: old problems and modern challenges (Tropical Medical Series). *Sexually Transmitted Infections* 2004; **80**: 174-82.
18. **Mayaud P**. Can control of sexually transmitted infections reduce HIV transmission? *HIV&AIDS Current Trends* 2004; **10(1)**: 4-7.

### 2005

19. Sissolak G, **Mayaud P**. AIDS-related Kaposi's sarcoma: epidemiological, diagnostic, treatment and control aspects in sub-Saharan Africa. *Tropical Medicine & International Health* 2005; **10(10)**: 981-92.

### 2006

20. Lehtinen M, Herrero R, **Mayaud P**, Barnabas R, Dillner J, Paavonen J, Smith P. Chapter 28: Studies to assess the long-term efficacy and effectiveness of HPV vaccination in developed and in developing countries. In Bosch X *et al* (eds) *HPV vaccines and screening for the prevention of cervical cancer*. *Vaccine* 2006; **24S3**: S3/S233-S241.
21. [Perrochia H](#), [Didelot M](#), [Nagot N](#), [Valles X](#), [Ouédraogo A](#), [Konaté J](#), [Weiss H](#), [Van de Perre P](#), [Mayaud P](#), [Segondy M](#), [Costes V](#). Prévalence de l'infection à HPV, distribution des génotypes d'HPV et fréquence des lésions cervicales en rapport avec l'infection à HIV-1 dans une population à risque du Burkina Faso. *Annales de Pathologie*. 2006 Nov; **Spec No 1**: 122.

### 2007

22. Segondy M & **Mayaud P**. Human papillomavirus, pregnancy and HIV infection. *Expert Review of Obstetrics and Gynecology* 2007; **2(3)**: 267-271.
23. Nagot N, Delany-Moretlwe S, **Mayaud P**. Antiherpetic therapy for HIV infection: linking prevention and care. *Future HIV Therapy* 2007; **1(2)**: 131-136.

### 2008

24. Van de Perre P, Segondy M, Foulongne V, Ouedraogo A, Konate I, Huraux J-M, **Mayaud P**, Nagot N. Herpes Simplex Virus (HSV) and Human Immunodeficiency Virus (HIV): Deciphering a Deadly Synergy. *Lancet Infectious Diseases* 2008; **8(8)**: 490-7. \*

### 2009

25. Van de Perre P, Nagot N, **Mayaud P**. [Herpes simplex virus and HIV-1: deciphering viral synergy - Authors' reply](#). *Lancet Infectious Diseases* 2009; **9(2)**: 74-5.
26. Louie KS, de Sanjosé S, **Mayaud P**. Epidemiology and prevention of human papillomavirus and cervical cancer in sub-Saharan Africa: a comprehensive review. *Tropical Medicine & International Health* 2009; **14(10)**: 1287-1302.
27. Louie KS, de Sanjosé S, **Mayaud P**. Cervical cancer prevention in Africa. *Africa Health* 2009; Nov; 27-29.
28. Berthé A, Méda N, Traoré IT, Somé J, Salouka S, Sanou L, Somé F, Rouamba J, Ouédraogo D, M'Boutiki G, [Mayaud P](#), [Nagot N](#), van de Perre P. Preparation for HIV vaccine trials in Africa: barriers and facilitators for the establishment of a community advisory board in Burkina Faso. *Retrovirology* 2009; **6(suppl 3)**: P226.

### 2011

29. Theobald S, Tulloch O, Crichton J, Hawkins K, Zulu E, **Mayaud P**, Parkhurst J, Whiteside A and Standing H. Strengthening the research to policy and practice interface: exploring strategies used by research organisations working on sexual and reproductive health and HIV/AIDS (Editorial Commentary). *Health Research Policy and Systems* 2011; **9(Suppl 1)**: S2.

### 2015

30. Kelly H, **Mayaud P**, de Sanjosé S. Concomitant Infection of HIV and HPV: What Are the Consequences? *Current Obstetrics and Gynecology Reports* 2015.

2016

31. Hayes R, Ayles H, Binka F, Cowan F, Kamali A, Kapiga S, Kleinschmidt I, **Mayaud P**, Patel V, Smith P, Weiss H. [Sharing clinical trial data](#). *Lancet*. 2016 Jun 4; **387(10035)**: 2287. doi: 10.1016/S0140-6736(16)30682-1.

2018

32. Kim C, Counotte M, Bernstein K, Deal C, **Mayaud P**, Low N, Broutet N, on behalf of the Sexual Transmission of Zika virus Expert Meeting participants investigating the sexual transmission of Zika virus. *Lancet Global Health*. 2018 Jan; **6(1)**: e24-e25.

2019

34. Perez F, **Mayaud P**. One step in the right direction: improving syphilis screening and treatment in pregnant women in Africa. *Lancet Global Health*. 2019 Mar 22. pii: S2214-109X(19)30064-6.
35. Ong J, Wi T, Hughes G, Williamson D, **Mayaud P**, Chow E. Gonorrhoea: tackling the global epidemic in the era of rising antimicrobial resistance. *Sexual Health* 2019; 16: 397–400.
36. Drexler JF, Hanefeld H, Chico M, **Mayaud P**, Jaenisch T. A call for an African platform for congenital malformations. *Lancet Global Health* (under review).
37. **Zika Virus Individual Participant Data Consortium (incl P. Mayaud)**. The Zika Virus Individual Participant Data Consortium: a global initiative to estimate the effects of fetal exposure to Zika virus on adverse fetal, infant, and child health outcomes. (Commentary). *Lancet Global Health*. (under review).

**(iii) Book Chapters / Books / Monographs / Manuals / International reports**

1. Grosskurth H, **Mayaud P**, ka-Gina G, Mosha F, Todd J. Risk-assessment for the diagnosis of STDs. In: *Prevention and management of sexually transmitted diseases in Eastern and Southern Africa: current approaches and future directions*. Proceedings of a NARESA/AMREF workshop, Mwanza, Tanzania, November 1993. NARESA Monograph No.3, AMREF, Nairobi, 1994.
2. **Mayaud P**, ka-Gina G, Grosskurth H. STD case management. In: *Prevention and management of sexually transmitted diseases in Eastern and Southern Africa: current approaches and future directions*. Proceedings of a NARESA/AMREF workshop, Mwanza, Tanzania, November 1993. NARESA Monograph No.3, AMREF, Nairobi, 1994.
3. **Mayaud P**. Infertility in Africa: the role of reproductive tract infections. Chapter in: Boerma T, Mgalla Z (Eds), *Women and infertility in Africa: a multi-disciplinary perspective*. Royal Tropical Institute, KIT Press, Amsterdam 2001.
4. WHO (incl. **P Mayaud**). Herpes simplex virus type 2: Programmatic and research priorities in developing countries. Report of a WHO/UNAIDS/LSHTM workshop (London, 14-16 February 2001). WHO/HIV\_AIDS/2001.05. Geneva: WHO, 2001.
5. **Mayaud P** & Ndowa F. STD case management in primary health care settings. Chapter in: Lamptey P, Gayle H, Mane P (Eds.). *HIV/AIDS Prevention and Care in Resource-Constrained Settings: A Handbook for the Design and Management of Programs*. Family Health International (FHI) publications, Washington, 2002.
6. **Mayaud P**, Msuya W, Mkanje R, Grosskurth H. HIV/AIDS and STI prevention and care in Rwandan refugee camps in the United Republic of Tanzania. *UNAIDS Best Practice Collection – Key Material*. UNAIDS & UNHCR: UNAIDS/03.16E, Geneva, 2003.
7. Malkin J-E, **Mayaud P**, Bélec L. Herpes genital. Chapter in: Segondy M. (coord). *Guides Medi/BIO: Infections virales sexuellement transmissibles*. Elsevier SAS, Paris, 2003.
8. **Mayaud P**, Ndowa F, Richens J, Mabey DCW. Sexually transmitted infections. Chapter in: Parry EHO, Mabey DCW, Gill G, Godfrey RC (Eds.). *Principles of Medicine in Africa*. Third edition. Cambridge University Press, Cambridge, 2004 pp 241-283.
9. **Mayaud P** & Mabey D. Prévention du VIH/SIDA : le rôle des infections sexuellement transmissibles. In: Bélec L (ed). *Transmission muqueuse du virus de l'immunodéficience humaine*. Collection Médecine et Sciences, John Libbey Eurotext, Paris 2007, pp 440-473.
10. WHO, LSHTM and Population Council (incl **P. Mayaud**). Periodic Presumptive Treatment for Sexually Transmitted Infections: Experience from the Field and Recommendations for Research. WHO Publications, Geneva 2008.

11. **Mayaud P**, Ndowa F, Richens J, Mabey DCW. Sexually transmitted infections. Section 4/Chapter 21 in: Mabey DCW, Gill G, Parry EHO, Weber MW, Whitty CJM (Eds.). *Principles of Medicine in Africa*. Fourth edition. Cambridge University Press, Cambridge, 2013.
12. Mabey D & **Mayaud P**. Sexually Transmitted Infections. Chapter 7 in: Alan Magill, Edward T. Ryan, David R. Hill, Tom Solomon (eds). *Hunter's Tropical Medicine & Emerging Infectious Diseases*. Ninth edition. Elsevier Saunders Edition, 2013.
13. Richens J, **Mayaud P**, Mabey DCW. Chapter 23: Sexually Transmitted Infections (Excluding HIV). In: *Manson's Tropical Diseases*. 23<sup>rd</sup> Edition. Farrar J, Hotez PJ, Junghanss T, Lalloo DG, and White NJ (Eds). London: Saunders Ltd, Elsevier, 2013.
14. WHO (collective incl. **P Mayaud**). WHO guidelines for the treatment of *Treponema pallidum* (syphilis). WHO: Geneva, 2016. <http://apps.who.int/iris/bitstream/10665/249572/1/9789241549806-eng.pdf>
15. WHO (collective incl. **Mayaud P**). Sexual transmission of Zika Virus: Current status, challenges and research priorities. WHO: Geneva, Dec 2017. WHO/RHR/17.23.
16. Chesson HW, **Mayaud P**, Aral SO. Sexually Transmitted Infections: Impact and Cost-Effectiveness of Prevention. In: Holmes KK, Bertozzi S, Bloom BR, Jha P, editors. Major Infectious Diseases. 3rd edition. Washington (DC): The International Bank for Reconstruction and Development / The World Bank; 2017 Nov 3. Chapter 10.
17. **Mayaud P**, McCartney D & Mabey D. Sexually Transmitted Infections. Chapter 7 in: Alan Magill, Edward T. Ryan, David R. Hill, Tom Solomon (eds). *Hunter's Tropical Medicine & Emerging Infectious Diseases*. Ninth edition. Elsevier Saunders. Tenth Edition, Elsevier Saunders Edition, 2018, pp52-68.
18. **Mayaud P**, Fifer H, Hughes W. Gonococcal infections. Chapter in: *Control of Communicable Diseases Manual (CCDM)*. Heymann D, et al. (Eds). APHA Press, 21<sup>st</sup> edition, 201X. (in print).
19. Juul Bjertrup P, Ben Farhat J, Bouhenia M, Neuman M, **Mayaud P**, Blanchet K. Enforced waiting, hope and resilience among refugees in Greece. Chapter in: *Immobility and Medicine: Exploring Stillness, Waiting and the In-Between*. Edited by Cecilia Vindrola-Padros, Bruno Vindrola-Padros and Kyle Lee-Crossett (University College London, London, UK). (in print).
20. **Mayaud P**, McCartney D, Ong JJ, Mabey DCW. Chapter XX: Sexually Transmitted Infections (Excluding HIV). In: *Manson's Tropical Diseases*. 24<sup>th</sup> Edition. Farrar J, Hotez PJ, Junghanss T, Lalloo DG, and White NJ (Eds). London: Saunders Ltd, Elsevier, 20XX (in preparation).