

International Conferences

MICROBIOLOGY DIVISION

Albrich WC, Mareletsi T, Adrian PV, Hattingh O, de Gouveia L, von Gottberg A, Karstaedt AS, Madhi SA, Klugman KP. Pneumococcal colonization in HIV-infected South African adults with and without pneumonia: Comparison of nasopharyngeal and oropharyngeal sampling sites and serotype distribution. Poster presentation P1-078. In: Abstracts, 6th International Symposium on Pneumococci and Pneumococcal Diseases (ISPPD-6), June 8-12 2008, Reykjavik, Iceland.

Blumberg LH, Freaan JA. East African trypanosomiasis in travellers. 13th International Congress on Infectious Diseases, Kuala Lumpur, Malaysia, June 2008.

Coetzee M. Malaria and Mosquitoes: will insecticide resistance be our downfall? (Plenary lecture) 23rd International Congress of Entomology Durban, South Africa, 6-12 July, 2008.

de Frey A F, Maarschalk T, Freaan J, Blumberg L, Katayama fever in travellers in Africa. Asia Pacific International Conference on Travel Medicine, Melbourne, Australia, 24-27 February 2008.

Dinh T-H, Treger L, Likibi M, Molebatsi T, Msimang V, Guness M, Lesole L, Lewis D, Kamb M, Shaffer N. Determinants of HIV counselling and testing uptake in prevention of mother-to-child transmission at primary health care facilities in South Africa, 2004-2006. Oral Presentation at HIV/AIDS Implementers' Meeting, Kampala, Uganda, June 30, 2008.

Dinh T-H, Lewis D, Likibi M, Molebatsi T, Hariri S, Msimang V, Lesole L, Treger L, Shaffer N, Kamb M. Prevalence of and adherence to HIV prophylaxis and syphilis treatment regimens in pregnant women receiving ANC services in public facilities in Northern Cape and Gauteng Provinces, South Africa. Oral presentation at HIV/AIDS Implementers' Meeting, Kampala, Uganda, June 30, 2008.

Fensham V. The regional EQA program: summary. Annual Meeting of the WHO-AFRO Pediatric Bacterial Meningitis and Rotavirus surveillance networks, Lusaka, Zambia, September 8-11, 2008.

Govender N, Cohen C, Meiring S *et al.* Surveillance for cryptococcosis in South Africa, 2005-2007. Abstract P-B-32. 7th International Conference for Cryptococcus and

Cryptococcosis September Nagasaki, Japan, September 11-14, 2008.

Govender N, Patel J, Rossouw J *et al.* Recurrent cryptococcosis caused by *Cryptococcus neoformans* in three cases with incident *Cryptococcus gattii* infection. Abstract P-A-32. 7th International Conference for Cryptococcus and Cryptococcosis September Nagasaki, Japan, September 11-14, 2008.

Govender N, Patel J, Rossouw J *et al.* Dual infection with *Cryptococcus neoformans* and *Cryptococcus gattii*, South Africa. Abstract P-C-31. 7th International Conference for Cryptococcus and Cryptococcosis September Nagasaki, Japan, September 11-14, 2008.

Govender N, Cohen C, Meiring S *et al.* A comparison of cryptococcal cases with and without recurrent disease in South Africa, 2005-2006. Abstract M-1851. 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and the Infectious Disease Society of America (IDSA) 46th Annual Meeting October Washington, D.C., U.S.A., October 25-28, 2008.

Guness M, Radebe F, Mzaidume Y, Odinsen O, Parker D, Lewis DA. Early detection of HIV-1 specific lymphocyte derived antibodies in two high risk populations. Abstract 413/PEA02. International Conference on AIDS and STDs in Africa, Dakar, Senegal, December 3-7, 2008.

Hattingh O, du Plessis M, von Gottberg A, de Gouveia L, Klugman KP for GERMS-SA (Group for Enteric, Respiratory and Meningeal Disease Surveillance, South Africa). Detection of serotype 6C among South African serotype 6A pneumococci causing invasive disease, 2005-2006. Poster presentation P2-002. In: Abstracts, 6th International Symposium on Pneumococci and Pneumococcal Diseases (ISPPD-6), June 8-12 2008, Reykjavik, Iceland.

Hunt RH, Spillings BL, Koekemoer LL, Brooke BD, Kikankie C, Coetzee M. Malaria vector control: dealing with non-vector species. 23rd International Congress of Entomology Durban, South Africa, 6-12 July, 2008.

Keddy KH. An outbreak of cholera on an illegal mine challenges of case investigation and contact tracing. First Annual Meeting of Food-and Waterborne Diseases Network in Europe, Stockholm 1-2 October 2008.

Keddy KH, Govender N, Sooka A, Smith AM for GERMS-SA. Molecular Epidemiology of Quinolone Resistant *Salmonella* Typhi: South Africa 2003-2007 (Poster 860). Ehrlich II. 2nd World conference on Magic Bullets. Nuremberg, Germany, 3-5 October 2008.

Keddy KH, Sooka A, Crowther P, Govender N, Quan V, Meiring S, Cohen C for GERMS-SA. Active laboratory-based surveillance for invasive and non-invasive shigellosis in South Africa, 2003 -2007: predominant serotypes may guide vaccine development. BITS 1st Annual World Vaccine conference 2008 Foshan, China 1-5 December 2008.

Kikankie C, Brooke BD, Koekemoer LL, Coetzee M. Susceptibility of laboratory reared *Anopheles gambiae* and *An. arabiensis* to insecticides and to fungal pathogens. 23rd International Congress of Entomology, Durban, South Africa, 6-12 July, 2008.

Koekemoer LL, Mouatcho J, Brooke BD, Munhenga G, Masendu R, Hargreaves K, Hunt RH, Coetzee M. Insecticide resistance in a major malaria vector from South Africa, *Anopheles arabiensis*. 23rd International Congress of Entomology, Durban, South Africa, 6-12 July, 2008.

Legeai C, Taljaard D, Lewis D, Puren A, Dermaux-Msimang V, Lissouba P, Lert F, Auvert B. Readiness of a South African community to use male circumcision as an intervention against HIV. Abstract MOPE0540. 17th International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.

Lewis DA, Sello M, Msimang V, Firnhaber C, Mbabela S, Kamb M, Sanne I. The prevalence of asymptomatic sexually transmitted infections in HIV-infected patients attending an HIV treatment centre in Johannesburg, South Africa: is there a case for routine STI screening? Abstract E03. BASHH-ASTDA 3rd joint conference, New York, USA, May 7-10, 2008.

Lewis DA. Treating antibiotic resistant gonorrhoea. Plenary talk at BASHH-ASTDA 3rd joint conference, New York, USA, May 7-10, 2008.

Lewis DA. Better management of STIs: strategic approaches and current threats to HIV prevention. Oral presentation at the 2nd Botswana International HIV Conference, Gaborone, Botswana, September 17-20, 2008.

Lewis DA, Scott L, Radebe F. Escalation in the prevalence of ciprofloxacin resistant gonorrhoea in men presenting with urethritis to public health facilities in two South African cities. Abstract 486/PEC02. 15th International Conference on AIDS and STDs in Africa, Dakar, Senegal, December 3-7, 2008.

Lewis DA, Mhlongo S, Sello M, Guness M, Müller E, Radebe F. Aetiology and association with HIV infection

of genital ulcer syndrome among STI clinic attenders in Johannesburg, South Africa. Abstract 486/PEC02. 15th International Conference on AIDS and STDs in Africa, Dakar, Senegal, December 3-7, 2008.

Litvintseva AP, Rossouw J, Thakur R, *et al.* *Cryptococcus neoformans* var. *grubii* in Africa. Abstract SY-12-03. 7th International Conference for Cryptococcus and Cryptococcosis September Nagasaki, Japan, September 11-14, 2008.

Meiring S, von Gottberg A, Cohen C *et al.* A case-control study to determine risk factors (including HIV infection) for acquiring meningococcal disease and carriage in 3 provinces of South Africa. Active Bacterial Core surveillance Steering Committee Meeting February Atlanta, Georgia, February 6-7, 2008.

Meiring S, Govender N, Quan V *et al.* Paediatric cryptococcosis in South Africa, 2005-2007: a comparison with adult cryptococcosis. Abstract WEPE0127. XVII International AIDS Conference August Mexico City, Mexico, August 3-8, 2008.

Miglia KJ, Meiring S, Govender N *et al.* Molecular characterisation of 82 strains of *Cryptococcus* species obtained from South African paediatric patients during 2005 and 2006. Abstract P-C-33. 7th International Conference for Cryptococcus and Cryptococcosis September Nagasaki, Japan, September 11-14, 2008.

Mouatcho J C, Brooke B D, Knols B J, Coetzee M. The effect of the entomopathogenic fungi *Beauveria bassiana* and *Metarhizium anisopliae* against the major malaria vector *Anopheles funestus* Giles. 23rd International Congress of Entomology, Durban, South Africa, 6-12 July, 2008.

Müller EM, Lewis DA. Detection and typing of human papillomaviruses among men with and without anogenital warts in South Africa. Abstract K08. BASHH-ASTDA 3rd joint conference, New York, USA, May 7-10, 2008.

Murphy E, Andrew L, Lee KL, Ambrose K, Dilts D, Borrow R, Findlow J, Taha M-K, Deghmane A-E, Kriz P, Musilek M, Kalmusova J, Caugant D, Alvestad T, Mayer L, Wang X, Martin D, von Gottberg A, Klugman KP, Anderson AS, Jansen KU, Zlotnick GW, Hoiseth SK. Sequence diversity of vaccine candidate LP2086 in *Neisseria meningitidis* serogroup B strains causing invasive disease. Oral presentation. In: Abstracts, International Pathogenic Neisseria Conferences (IPNC 2008), Beurs World Trade Center, Rotterdam, The Netherlands.

Naguran R, Ranson H, Coetzee M, Koekemoer LL. The effects of pyrethroid resistance on transcription of metabolic enzymes in a major African malaria vector, *Anopheles funestus*. 23rd International Congress of Entomology, Durban, South Africa, 6-12 July, 2008.

Nyasulu P, Cohen C, von Gottberg A, de Gouveia L, Quan V, Feldman C, Klugman KP. Increased risk of death in HIV-infected patients with pneumococcal meningitis, South Africa, 2003-2005. Oral presentation 7.004. In: Abstracts 13th International Congress on Infectious Diseases (ICID), June 19-22, 2008, Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia.

Paz Bailey G, Sternberg M, Puren A, Pillay C, Ballard R, Delany S, Hawkes S, Nwanyanwu O, Lewis DA. Improvement in healing and reduction on HIV shedding following addition of episodic Aciclovir therapy to the syndromic management of genital ulceration; a randomized controlled trial. Abstract MOAX0103. 17th International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.

Paz Bailey G, Sternberg M, Lewis DA, Nwanyanwu O, Greyling D, Puren A. High HIV incidence among men with genital ulcers in South Africa. Abstract MOAX0503. 17th International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.

Quan V, Feldman C, Klugman KP. Increased risk of death in HIV-infected patients with pneumococcal meningitis, South Africa, 2003-2005. Oral presentation 7.004. In: Abstracts 13th International Congress on Infectious Diseases (ICID), June 19-22, 2008, Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia.

Quan V, von Gottberg A, Cohen C *et al.* High levels of HIV-coinfection in adults with invasive pneumococcal disease, South Africa, 2003 to 2006. Abstract WEPE0129. XVII International AIDS Conference August Mexico City, Mexico, August 3-8, 2008.

Radebe F, Mhlongo S, Sello M, Lewis DA. Aetiology and association with HIV infection of male urethritis and vaginal discharge syndromes among STI clinic attenders in Cape Town and Johannesburg, South Africa. Abstract 485/PEC02. 15th International Conference on AIDS and STDs in Africa, Dakar, Senegal, December 3-7, 2008.

Sello M, Mbabela S, Mhlongo S, Mzaidume Y, Lewis DA. Introduction of voluntary testing and counselling to existing PPT services in the Carletonville mining area of South Africa. Abstract 663/SOB07. 15th International Conference on AIDS and STDs in Africa (ICASA), Dakar, Senegal, December 3-7, 2008.

Smith AM and Keddy KH. Surveillance for enteric bacterial pathogens in South Africa. 1st PulseNet International Strategic Planning Meeting, Halifax, Nova Scotia, Canada, June 2008.

Spillings BL, Koekemoer LL, Brooke BD. The effect of a blood meal on insecticide resistance in *Anopheles funestus*. 23rd International Congress of Entomology, Durban, South Africa, 6-12 July, 2008.

Taljaard D, Rech D, Doyle S, Lewis D, Legeai C, Lissouba, Lert F, Auvert B. Estimating the uptake of

safe and free male circumcision in a South African community. Abstract TUAC0306. 17th International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.

Vezenegho SB, Brooke BD, Hunt RH, Koekemoer LL, Coetzee M. Base line surveys of malaria vector mosquitoes from Guinea Conakry, West Africa. In proceeding XXIII international Congress of Entomology Durban South Africa, 6-12 July, 2008.

VIROLOGY DIVISION

Barnard M, Albert H, Coetzee G, Simpson J, Bosman M. Mutations detected by MTBDR_{plus} assay in drug-resistant *Mycobacterium tuberculosis* strains in Western Cape. Abstract PS-82253-19 39th World Conference on Lung Health of the International Union Against Tuberculosis and Lung Disease, Paris, France, 16-20 October 2008.

Barnard M, Coetzee G, Simpson J, Bosman M. Rapid Detection of *Mycobacterium tuberculosis* using the MTBDR_{plus} Assay on contaminated MGIT cultures. Abstract PS-82246-19. 39th World Conference on Lung Health of the International Union Against Tuberculosis and Lung Disease, Paris, France, 16-20 October 2008.

Gray E, Moore P, Madiga M, Mlisana K, Abdool Karim SS, Binley J, Shaw G, Mascola J and Morris L. Broad HIV-1 neutralization mediated by plasma antibodies against the gp41 membrane proximal external region. (Poster Presentation) AIDS Vaccine 2008 Conference, Cape Town, October 13-16, 2008.

Gray ES, Taylor N, Moore PL, Choge IA, Cave E, Puren A, Shaw GM, Morris L. Defining the antibody specificities that confer cross-reactive neutralization of HIV-1. (Oral Presentation) The XVII International AIDS Conference, Mexico City, August 3-8, 2008.

Gumede-Moeletsi HN. 14th Annual Global meeting for polio eradication, Geneva, 28-29 June 2008.

Hunt G, Coovadia A, Abrams EJ, Sherman G, Meyers T, Ledwaba J, Hammer S, Morris L and Kuhn L. Low frequency K103N mutations are strongly associated with inadequate virological responses to non-nucleoside reverse transcriptase inhibitor based therapy. Abstract 132. (Oral Presentation) HIV Drug Resistance Workshop, Sitges, Spain, June 10-14, 2008.

Jere KC, Sawyer T, Seheri M, Page NA, Steele AD. A first report on the circulating rotavirus strains in Sierra Leone. Abstract ARNP [P2]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Kruger T, Page NA. Molecular characterization of rotavirus strains circulating in the Western Cape, 2007.

Abstract ARNP [P25]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Lambson BE, Moore PL, Abrahams MR, Bandawe G, Mlisana K, Abdool Karim SWS, Williamson C and Morris L, the CAPRISA 002 study team. Generation of multiple HIV-1 subtype C envelope single-genome amplification (SGA) products from recent infection cervico-vaginal lavage samples. (Poster Presentation). (Poster Presentation) AIDS Vaccine 2008 Conference, Cape Town, October 13-16, 2008.

Ledwaba J, Pillay V and Morris L. Clonal Analysis of protease and gag sequences from HIV-1 subtype C infected patients failing a protease inhibitor. Abstract A50. (Poster Presentation). HIV Drug Resistance Workshop, Sitges, Spain, June 10-14, 2008.

Ledwaba J, Pillay V, Morris L. Clonal analysis of protease and gag sequences from HIV-1 subtype C infected patients failing a protease inhibitor. (Poster Presentation) The 14th International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology, Cape Town, September 15, 2008.

Maenetje P. In vivo susceptibility of activated memory CD4+ T-cells to HIV during early subtype C infection. Oral Presentation at the AIDS Vaccine 2008 Conference, South Africa, 13-16 October 2008.

Malatsi N. Identification of cytokine-induced signaling pathway networks in T cell subsets from subtype C HIV-1 infected individuals. Poster Presentation at the Keystone Symposia Global Health Series, HIV Vaccines: Progress and Prospects, Fairmont Banff Springs, Banff, Alberta, Canada, 27 March-1 April 2008.

Malatsi N. STAT5 Phosphorylation patterns in T cell subsets from subtype C HIV-1 infected individuals. Poster Presentation at the AIDS Vaccine 2008 Conference, Cape Town, 13-16 October 2008.

Mlotshwa M. Rapid evolution of HIV-1 specific T cell responses within the first six months of subtype C HIV-1 infection. Poster presentation at the AIDS Vaccine 2008, Cape Town, 13-16 October 2008.

Mlotshwa M. Quality and not quantity of HIV specific T cell responses in HIV-1 subtype C infection is important for control of disease. Poster presentation at Keystone Symposia Conference: HIV Vaccines: Progress and Prospects, Fairmount Banff Springs, Alberta, Canada, 27 March 01 April 2008.

Moore PL, Gray ES, Choge IA, Ranchobe N, Mlisana K, Karim SS, Williamson C. and Morris L and the CAPRISA 002 study team. The C3-V4 region is a major target of autologous neutralizing antibodies in HIV-1 subtype C infection. (Poster Presentation) The 15th Conference on Retroviruses and Opportunistic Infections (CROI), Boston, USA, February 3-6, 2008

Moore PL, Gray ES, Mlisana K, Abdool Karim SS, Williamson C and Morris L, the CAPRISA 002 study and the Center for HIV-AIDS Vaccine Immunology Consortium. Early neutralization breadth in an HIV-1 subtype C infected individual is conferred by antibodies targeting the V1V2 region. (Poster Presentation) Keystone Symposia, Banff, Canada, March 27 April 1, 2008.

Moore PL, Ranchobe N, Lambson B, Gray ES, Abrahams M., Bandawe G, Mlisana K, Abdool Karim SS, Williamson C and Morris L. Analysis of neutralization escape suggests limited neutralizing antibody specificities in early HIV-1 subtype C infection. (Oral Presentation) AIDS Vaccine 2008 Conference, Cape Town, October 13-16, 2008.

Morris L: Co-convenor of symposium: The Frontiers in Vaccine Research. The 15th Conference on Retroviruses and Opportunistic Infections (CROI), Boston, USA, February 3-6, 2008.

Nemarude AL, Seheri LM, Potgieter N, Page N, Olorunju S, Steele AD. Molecular and clinical investigation of children with rotavirus and astrovirus diarrhoea at Dr George Mukhari Hospital. Abstract ARNP [P20]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Nokes J, Abwao J, Netshifhefhe L, Peenze I, Page N, Steele AD. Genetic diversity of rotaviruses from the Kilifi district community in Kenya. Abstract ARNP [P21]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Page NA, de Beer MC, Peenze I, Steele AD. Evaluation of immunochromatographic test strips for the detection of rotavirus antigens in diarrhoeal stool specimens from Africa. Abstract P-50. 8th International Rotavirus Symposium, Istanbul, Turkey, 3-4th June 2008.

Page NA, de Beer MC, Peenze I, Steele AD. Evaluation of immunochromatographic test strips for the detection of rotavirus antigens in diarrhoeal stool specimens from Africa. Abstract ARNP [P28]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Page NA, de Beer MC, Seheri LM, Kruger T, Steele AD. Emergence of genotype G12 strains in South Africa from 2004. Abstract P-51. 8th International Rotavirus Symposium, Istanbul, Turkey, 3-4th June 2008.

Page NA, de Beer MC, Seheri LM, Kruger T, Steele AD. Emergence of genotype G12 strains in South Africa from 2004. Abstract ARNP [P27]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Page NA. Genotyping of rotavirus strains in Africa. Abstract RVN [13]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Page NA. Strain diversity, immunity and cross-protection. Abstract RVN [16]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Park BJ, Wannemuehler K, Marston BJ *et al.* Estimating the Global Burden of Cryptococcal Meningitis. Abstract. HIV/AIDS Implementers' Meeting June Kampala, Uganda, June 3-7, 2008

Park BJ, Wannemuehler KA, Marston BJ *et al.* Refocusing on a re-emergent Disease: the current global burden of cryptococcal meningitis among persons living with HIV/ AIDS. Abstract M-1848. 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and the Infectious Disease Society of America (IDSA) 46th Annual Meeting October Washington, D.C., U.S.A., October 25-28, 2008.

Paximadis M, Gray GE, Kuhn L, Tiemessen CT. Characterization and identification of genetic variants in the CCL3 promoter that may impact on gene expression. AIDS Vaccine 2008 Conference, Cape Town, South Africa, October 13-16, 2008.

Paweska JT. Inaugural Workshop of Southern African Centre for Infectious Disease Surveillance (SACIDS). Pretoria, South Africa 22-25 January 2008.

Paweska JT. Arbo-Zoonet 1st Consultation Meeting, Istanbul, Turkey 26 June 2008.

Paweska JT. European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Conference on Viral Haemorrhagic Fevers, Istanbul, Turkey 27-28 June 2008.

Paweska JT, Swanepoel R. Sixth Steering Committee Meeting of the WHO Global Outbreak Alert and Response Network, Geneva, Switzerland, 25-26 September 2008.

Peenze I, Seheri LM, Geyer A, Page NA, de Beer M, Bos P, Mphahlele MJ, Steele AD. Rotavirus strain surveillance from 7 African Rotavirus Network training workshops in South Africa - delegates from 17 African countries (1998-2007). Abstract ARNP [P29]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Potgieter AC, Page NA, Liebenberg J *et al.*, Application of novel molecular methods for the characterization of rotavirus strains: Ultra-deep sequencing and epidemiological evaluation of a South African G9P[6] strain. Abstract P-56. 8th International Rotavirus Symposium, Istanbul, Turkey, 3-4th June 2008.

Rakgotho M, Tlale E, Ledwaba J, Pillay V, Puren A and Morris L. Analysis of HIV-1 pol sequences derived from dried blood spots and plasma. (Poster Presentation)

The 14th International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology, Cape Town, September 1-5, 2008.

Ramudingana P, de Beer M, Potgieter N, Page N, Seheri LM, Steele AD. Detection of rotaviruses and caliciviruses in children less than 5 years treated at private practices in the Tshwane region. Abstract ARNP [P22]. 28th African Health Science Congress/4th African Rotavirus Symposium, Mauritius, 14-17th July 2008.

Riou R. Less differentiated and more long-lived CD8+ T memory cells during early subtype C HIV-1 infection correlates with lower viral set point. Poster presentation at the AIDS Vaccine 2008 Conference, South Africa, 13-16 October 2008.

Shalekoff S, Meddows-Taylor S, Gray G, Sherman G, Coovadia A, Kuhn L, Tiemessen CT. Identification of human immunodeficiency virus-1 specific CD8+ and CD4+ T-cell responses in perinatally infected infants and their mothers. AIDS Vaccine 2008 Conference, Cape Town, South Africa, October 13-16, 2008.

Smit SB. Update on Measles Virus genotypes in the African Region. WHO-AFRO Polio/Measles/Yellow Fever Laboratory Director's Workshop, 8-11 September 2008, Lusaka, Zambia. Oral presentation.

Smit SB. Characterization of measles and rubella viruses identified in the African Region. Sixth WHO Global Measles and Rubella Laboratory Network Meeting, 23-25 September 2008, Geneva, Switzerland. Oral presentation.

Sohn H, Albert H, Barnard M, Coetzee G, O'Brien R. Economic evaluation of MTBDR_{plus} Assay for rapid detection of MDR-TB in high burden resource-poor settings. Abstract PS-81982-19. 39th World Conference on Lung Health of the International Union Against Tuberculosis and Lung Disease, Paris, France, 16-20 October 2008.

Swanepoel R. Fourth International Symposium on Filoviruses, Libreville, 26-28 March 2008.

Swanepoel R. WHO Informal Workshop to Develop a High Consequence Pathogen (HCPs) Laboratory Network for Outbreak Response and Readiness, Libreville, 29-30 March 2008.

Swanepoel R. Charles Franklin Craig Lecture, 57th Annual meeting of the Society for Tropical Medicine and Hygiene, New Orleans, 7-11th December 2008.

Tiemessen CT, Shalekoff S, Meddows-Taylor S, Schramm DB, Paximadis M, Papathanasopoulos M, Minevich G, Winchester R, Gray GE, Sherman GG, Coovadia AH, Kuhn L. Natural killer cells respond to HIV-1 peptides and are associated with control of infection and protective immunity. AIDS Vaccine 2008 Conference, Cape Town, South Africa, October 13-16, 2008.

van der Walt M, Coetzee G, Albert A, Matsoso L, Barnard M, Sewpersadh M, O'Brien R. Impact and benefit of rapid diagnosis of MDR-TB through the Genotype MTBDR*plus* assay in South Africa. Abstract PS-82095-20. 39th World Conference on Lung Disease of the International Union Against Tuberculosis and Lung Disease, Paris, France, 16-20 October 2008.

Weyer J. The 9th International Meeting of the Southern and Eastern African Rabies Group, Gaborone, Botswana, 25-28 August 2008.

EPIDEMIOLOGY DIVISION

Archer BN. Investigation of an Outbreak of Rift Valley Fever Affecting Veterinarians and Farmers in South Africa, 2008. 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Oral presentation)

Blumberg L, Cohen C, Sabeta C, Weyer J, Nel L, Moethlo P, Maimela E, Paweska J. Response to re-emergence of human rabies in Limpopo province, South Africa. The South and East African Rabies Group (SEARG) meeting, Gaborone, Botswana, 25-28 August 2008 (Oral presentation).

Cohen C, Smit S, van den Heever J, Sebekedi C, Kibuuka D, Mahole M, McAnerney J, Masango M, Kekana E and Hlaithoa D. An outbreak of measles in South Africa, 2006 - The role of molecular epidemiology. VVIII IEA World Congress of Epidemiology in Porto Alegre Brazil, 20-24 September 2008. (Poster presentation)

Cohen C, von Gottberg A, de Gouveia L, Klugman K, Meiring S, Govender N, Martin S for GERMS-SA. HIV-infection associated with increased risk of meningococcaemia and higher case fatality rates in South Africa. VVIII IEA World Congress of Epidemiology in Porto Alegre Brazil, 20-24 September 2008. (Oral Presentation)

Cohen C, Viboud C, Simonsen L, Miller M, Kang J, Bessellar TG, McAnerney J, Blumberg L, Schoub B.

Estimation of influenza-related excess mortality in South African seniors, 1998-2005. Third European Epidemiology Congress, Vilamoura, Portugal 14-18 September 2008. (Poster presentation)

Khumalo DL. The appraisal for quality of Expanded programme of Immunisation (EPI) data in one District from Mpumalanga, South Africa, 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Poster presentation)

Mamahloodi T. Analysis of Cervical Screening in Limpopo Province, South Africa, January -September 2007. 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Poster presentation)

Nteo D, Malotle M. Outbreak of novel arenavirus infection, South Africa, 2008. 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Oral presentation)

Velen K. How ready is the Port Elizabeth Notifiable Disease Surveillance System for the 2010 World Cup, Eastern Cape, South Africa. 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Poster presentation)

Velen K. Forecasting of notifiable medical conditions to enable better resource management in Port Elizabeth ahead of the 2010 World Cup, Eastern Cape, South Africa. 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Poster presentation)

Vundle Z, Cohen C, McAnerney J, Harris B, Smit SB, Kekana ED, Mashele M. Measles Surveillance: Challenges in diagnosis of measles in South Africa. 13th International Congress on Infectious Diseases, Kuala Lumpur, Malaysia, June 19-22, 2008. (Poster presentation) (Awarded an International Development Grant for Young Women).

Zondo CB. Legionnaire's disease outbreak among factory workers - Mpumalanga, South Africa 2007. 5th Global TEPHINET Conference, 1st-6th November 2008, Kuala Lumpur, Malaysia. (Poster presentation)