

## Publications

Abdalla H, Matambo TS, Koekemoer LL, Mnzava AEP, Hunt RH, Coetzee M. Insecticide susceptibility and vector status of natural populations of *Anopheles arabiensis* from Sudan. *Trans Roy Soc Trop Med Hyg* 2008; 102: 263-271.

Amenya DA, Naguran R, Lo T-C, M, Ranson H, Spillings BL, Wood OR, Brooke BD, Coetzee M, Koekemoer LL. Over-expression of a cytochrome p450 (cyp6p9) in a major African malaria vector, *Anopheles funestus*, resistant to pyrethroids. *Insect Mol Biol* 2008;17: 19-25.

Basson AE, Ntsala M, Martinson N, Tiale E, Corrigan GE, Shao X, Gray G, McIntyre J, Puren A, Morris L. Development of phenotypic HIV-1 drug resistance following exposure to single dose nevirapine. *J AIDS* 2008; 49(5): 538-43.

Besselaar TG, Naidoo D, Buys A, Gregory V, McAnerney J, Manamela JM, Blumberg L, Schoub BD. Widespread oseltamivir resistance in influenza A viruses (H1N1), South Africa. *Emerg Infect Dis* 2008; 14(11):1809-10.

Binley JM, Lybarger A, Crooks ET, Seaman MS, Gray E, Davis KL, Decker JM, Wycuff D, Harris L, Hawkins N, Wood B, Nathe C, Rickman D, Tomaras GD, Bibollet-Ruche F, Robinson JE, Morris L, Shaw GM, Montefiori DC, Mascola JR. Profiling the specificity of neutralizing antibodies in a large panel of plasmas from patients chronically infected with human immunodeficiency virus type 1 subtypes B and C. *J Virol* 2008; 82: 11651-68.

Black V, Magooa P, Radebe F, Myers M, Pillay C, Lewis DA. The detection of urethritis among patients with the male urethritis syndrome, genital ulcer syndrome and HIV VCT clients: should South Africa's syndromic management approach be revised? *Sex Transm Inf* 2008; 84: 254-8.

Blumberg L, Frean J, Barnes KI. Management of uncomplicated malaria. *CME* 2008; 26(6): 290-292.

Blumberg L. Fever and skin lesion in a traveler: what is the diagnosis? *South Afr J Epidemiol Infect* 2008; 23(2): 9-10.

Botha EM, Markotter W, Wolfaardt M, Paweska JT, Swanepoel R, Palacios G, Nel LH, Venter M. Genetic determinants of virulence in pathogenic lineage II West Nile virus strains. *Emerg Infect Dis* 2008; 14: 222-30.

Brink G, Frean J, de Frey A. An approach to fever in the returning traveller. *S Afr Fam Practice* 2008; 50: 23-7.

Brooke BD. *kdr*: can a single mutation produce an entire insecticide resistance phenotype? *Trans Roy Soc Trop Med Hyg* 2008; 102: 524-525.

Burt FJ, Paweska JT, Ashkettle B, Swanepoel R. Genetic relationship among southern African Crimean-Congo haemorrhagic fever virus isolates and evidence of reassortment. *Epidemiol Infect.* (In press)

Burt FJ, Paweska JT, Ashkettle B, Swanepoel R. Genetic relationship among southern African Crimean-Congo haemorrhagic fever virus isolates and evidence for occurrence of reassortment. *Epidemiol Infect.* (In press)

Chege GK, Shephard EG, Meyers A, van Harmelen J, Williamson C, Lynch A, Gray CM, Rybicki EP, Williamson A. HIV-1 subtype C Pr55gag virus-like particle vaccine efficiently boosts baboons primed with a matched DNA vaccine. *J Gen Virol* 2008; 89 (Pt 9): 2214-27.

Chopera DR, Woodman Z, Mlisana K, Mlotshwa M, Martin DP, Seoighe C, Treurnicht F, Assis de Rosa D, Winston Hide, Salim Abdool Karim, Clive M Gray, Carolyn Williamson, CAPRISA 002 Study Team. Transmission of HIV-1 CTL escape variants provides HLA-mismatched recipients with a survival advantage. *PLoS Pathology* 2008; 4 (3): e1000033.

Coetzee P, Weyer J, Paweska JT, Markotter W, Burt FJ, Nel LH. Use of a molecular epidemiological database to track human rabies case histories in South Africa. *Epidemiol Infect* 2008; 136: 1270-6.

Cohen C. Prevention and Treatment of Malaria in HIV-infected Patients. *Contin Med Education* 2008; 26(6): 280-2.

Coleman M, Coleman M, Mabusa A M, Kok G, Coetzee M, Durrheim DN. Evaluation of an operational malaria outbreak identification and response system in Mpumalanga Province, South Africa. *MJ* 2008; 7: 69.

Crooks ET, Jiang P, Franti M, Wong S, Zwick MB, Hoxie JA, Robinson JE, Moore PL, Binley JM. Relationship of HIV-1 and SIV Envelope Glycoprotein Trimer Occupation and Neutralization. *Virology* 2008; 377: 364-78.

- Currier JR, Galley LM, Wenschuh H, Morafo V, Ratto-Kim S, Gray CM, Maboko L, Hoelscher M, Marovich MA, Cox JH. Peptide impurities in commercial synthetic peptides and their implications for vaccine trial assessment. *Clin Vaccine Immunol* 2008; 15 (2): 267-76.
- Dini L, Bell D. Malaria rapid diagnostic tests: a revolution and a challenge for the management of febrile disease. *CME* 2008; 26: 297-8.
- du Plessis M, von Gottberg A, Cohen C, Gouveia L, Klugman K for the Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa (GERMS-SA). *Neisseria meningitidis* intermediately resistant to penicillin causing invasive disease in South Africa, 2001-2005. *J Clin Microbiol* 2008; 46: 3208-14.
- Du Plessis M, von Gottberg A, Madhi SA, Hattingh O, de Gouveia L, Klugman KP. Serotype 6C is associated with penicillin-susceptible meningococcal infections in human immunodeficiency virus (HIV)-infected adults among invasive pneumococcal isolates previously identified as serotype 6A in South Africa. *Int J Antimicrob Agents* 2008; 32S: S66-S70.
- Evans A, Gakuya F, Paweska JT, Tostal M, Akoolo L, Van Vuren PJ, Manyibe T, Macharia JM, Ksiazek G, Feikin DR, Breiman RF, Njenga MK. Prevalence of antibodies against Rift Valley fever virus in Kenyan wildlife. *Epidemiol Infect* 2007; 136: 1261-9.
- Farenhorst M, Farina D, Scholte E-J, Takken W, Hunt RH, Coetzee M, Knols BG. African water storage pots for the delivery of the entomopathogenic fungus *Metarhizium anisopliae* to the malaria vectors *Anopheles gambiae* s.s and *Anopheles funestus*. *Am J Trop Med Hyg* 2008 78: 910-916.
- Frean J, de Jong G, Albrecht R. Imaginary bugs, real distress: Delusional parasitosis. *S Afr Med J* 2008; 98: 784-7.
- Frean JA, Blumberg L. Odyssean and non-mosquito-transmitted forms of malaria. In: *Travelers' Malaria*, second edition (Farmer DA, Holmes M, eds.) BC Decker Inc., Ontario, Canada, 2008.
- Frean JA, Blumberg L, Ogunbanjo GA. Tick bite fever in South Africa. *S Afr Fam Pract* 2008; 50(2): 33-5.
- Frean J. Improving quantitation of malaria burden with digital image analysis. *Trans Roy Soc Trop Med Hyg* 2008; 102: 1062-3.
- Frean J. The memoirs of Margaretha Isaäcson (1929-2001). *Ann Austr Coll Trop Med* 2008; 9: 29.
- Gray ES, Moore PL, Bibollet-Ruche F, Li H, Decker JM, Meyers T, Shaw GM, Morris L. 4E10-Resistant variants in a human immunodeficiency virus type 1 subtype C-infected individual with an anti-membrane-proximal external region-neutralizing antibody response. *J Virol* 2008; 82: 2367-75.
- Green RJ, Feldman C, Schoub BD, Richards GA, Madhi SA, Zar HJ, Laloo U; Guideline Committee of 1999, Klugman K, Phillips D, Cameron NA, Eggers RR. Influenza guidelines for South Africa update 2008. *S Afr Med J* 2008; Mar;98(3 Pt 2):224-30. Review
- Gumbi PP, Nkwanyana NN, Bere A, Burgers WA, Gray CM, Williamson A, Hoffman M, Coetzee D, Denny L, Passmore JS. Impact of mucosal inflammation on cervical human immunodeficiency virus (HIV-1)-specific CD8 T-cell responses in the female genital tract during chronic HIV infection. *J Virol* 2008; 82 (17): 8529-36.
- Heise MT, Whitmore A, Thompson J, Grobbelaar AA, Paweska JT, Madrick K, White L, Swanepoel R, Burt FJ. An alphavirus replicon derived candidate vaccine against Rift Valley fever virus. *Epidemiol Infect.* (In press)
- Jansen van Vuren P, Paweska JT. Laboratory safe detection of nucleocapsid protein of Rift Valley fever virus in human and animal specimens by a sandwich ELISA. *J Virol Methods.* (In press)
- Johnson L, Lewis DA. The effect of genital tract infections on HIV-1 shedding in the genital tract: a systematic review and meta-analysis. *Sex Transm Dis* 2008; 35: 946-959.
- Keddy K. General Anti-infectives for Systemic Use, South African Medicines Formulary Eight Edition 2008.
- Le Roux CA, Kubo T, Grobbelaar AA, Jansen van Vuren P, Weyer J, Nel LH, Swanepoel R, Morita K, Paweska JT. Development and validation of a real-time reverse transcription-loop-mediated isothermal amplification assay for rapid detection of Rift Valley fever virus in clinical specimens. *J Clin Microbiol.* Doi:10.1128/JCM.01412-08.
- Lewis DA, Scott L, Slabbert M, Mhlongo S, van Zijl A, Sello M, du Plessis N, Radebe F, Wasserman E. Escalation in the relative prevalence of ciprofloxacin resistant gonorrhoea among men with urethral discharge in two South African cities implications for HIV transmission. *Sex Transm Infect* 2008; 84: 352-5.
- Lewis DA, Pillay C, Mohlamonyane O, Vezi A, Mbabela S, Mzaidume Y, Radebe F. The burden of asymptomatic sexually transmitted infections among men in Carletonville, South Africa implications for syndromic management. *Sex Transm Infect* 2008; 84: 371-6.
- Maphalala G, Okello V, Mndzebele S, Gwebu P, Mulima N, Dlamini S, Nhlabotsi B, Ginindza T, Ghebrenegus Y, Ntilivamunda A, Mwanyumba F, Ledwaba J, Pillay V, Bennett DE. Surveillance of transmitted HIV drug

resistance in the Manzini-Mbabane corridor, Swaziland, in 2006. *Antiviral Therapy* 2008; 13: 95-100.

Markotter W, van Eden C, Kuzmin IV, Ruprecht CE, Paweska JT, Swanepoel R, Fooks AR, Sabeta CT, Cliquet F, Nel LH. Epidemiology and pathogenicity of African bat lyssaviruses. Dodet B, Fooks AR, Müller T, Tordo N, and the Scientific & Technical Department of the OIE (eds). *Towards the Elimination of Rabies in Eurasia*. Dev. Biol. Basel, Karger, 2008, vol. 131, pp. 317-25.

McCarthy K, Cohen C, Schneider H, Gould S, Brandt M, Hajjeh R for the Gauteng Cryptococcal Surveillance Initiative Group. The burden of disease due to AIDS in Gauteng: inferred evidence from results of surveillance for cryptococcosis 2002-4. *S Afr Med J* 2008; 98(6):452-4.

McGee L, Biek D, Ge Y, Klugman M, du Plessis M, Smith AM, Beall B, Whitney CG, Klugman KP. In vitro evaluation of the antimicrobial activity of ceftaroline against cephalosporin-resistant isolates of *Streptococcus pneumoniae*. *Antimicrob Agents Chemother*. (in press)

Mhlongo S, Lewis DA. Sexually transmitted infections surveillance, South Africa, 2007. *Comm Dis Bull* 2008; 6(1): 10-11.

Moloi V, Seabi O, Wasas A, Klugman KP, Chaisson RE, Fielding K, Churchyard GJ, Grant AD. Impact of cotrimoxazole on non-susceptibility to antibiotics in *Streptococcus pneumoniae* carriage isolates among HIV-infected mineworkers in South Africa. *J Infect* 2008; 56: 171-78.

Moonasar D, Goga AE, Frean J, Kruger P, Maharaj R, Chandramohan D. Primary health workers' proficiency in using malaria rapid diagnostic tests in Limpopo Province, South Africa. *S Afr Med J*. (In press)

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. *J. Virol*. 82: 1860-9. (# joint first authors).

Mosebi S, Morris L, Dirr HW, and Sayed Y. Active site mutations in the South African HIV-1 subtype C protease impact significantly on clinical inhibitor binding: a kinetic and thermodynamic study. *J Virol* 2008; 82: 11476-9.

Müller E, Lewis D. HPV vaccine prospects for South Africa. *Comm Dis Bull* 2008; 6(3): 1-4.

Munhenga G, Masendu RH, Brooke BD, Hunt RH, Koekemoer LL. Pyrethroid resistance in the major malaria vector *Anopheles arabiensis* (Diptera: Culicidae) from Gwave, a malaria endemic area in Zimbabwe. *MJ* 2008; 7: 247.

Ngandu NK, Scheffler K, Moore PL, Woodman Z, Martin D, Seoighe C. Purifying selection affecting synonymous sites reveals functional nucleotide motifs in HIV-1. *Virology Journal* 2008; 5: 160.

Njenga KM, Paweska J, Wanjala R, Rao C Y, Weiner M, Omballa V, Luman ET, Mutonga D, Sharif A, Panning M, Drosten C, Feikin DR, Breiman RF. Using field qRT-PCR test to rapidly identify highly viremic Rift Valley fever cases. *J Clin Microbiol*. (In press)

Okoye PN, Brooke BD, Koekemoer LL, Hunt RH, Coetzee M. Characterisation of DDT, pyrethroid and carbamate resistance in *Anopheles funestus* from Obuasi, Ghana. *Trans Roy Soc Trop Med Hyg* 2008; 102: 591-598.

Okoye PN, Brooke BD, Koekemoer LL, Hunt RH, Coetzee M. Inheritance Of pyrethroid resistance in the major malaria vector in southern Africa, *Anopheles funestus*. *Ann Trop Med Parasitol* 2008; 102: 275-281.

Paweska JT, Jansen van Vuren P, Kemp A, Buss P, Bengis RG, Gakuya F, Breiman RF, Kariuki MN, Swanepoel R. Recombinant nucleocapsid-based ELISA for detection of IgG antibody to Rift Valley fever virus in African buffalo. *Vet Microbiol* 2008; 127: 21-8.

Paweska JT. Host gene expression triggered by West Nile virus infection. In: RNA viruses: host gene responses to infections. *World Scientific Publications*. (In press)

Paweska JT, Sewlall NH, Ksiazek TG, Blumberg LH, Hale MJ, Lipkin WI, Weyer J, Nichol ST, Rollin PE, McMullen LK, Paddock CD, Briese T, Mnyaluza J, Dinh T-H, Mukonka V, Ching P, Dusé A, de Jong G, Cohen C, Ikalafeng B, Mugero C, Asamugha C, Malotle MM, Nteo DM, Misiani E, Swanepoel R, Zaki SR and members of the Outbreak Control and Investigation Teams. Nosocomial outbreak of disease in southern Africa caused by a novel arenavirus. *Emerg Inf Dis*. (In press)

Paximadis M, Mohanlal N, Gray GE, Kuhn L, Tiemessen CT (2008). Identification of new variants within the two functional genes CCL3 and CCL3L encoding the CCL3 (MIP-1 $\alpha$ ) chemokine: implications for HIV-1 infection. *Int J Immunogenetic* 2008; 36: 21-32.

Pemba L, Charalambous S, von Gottberg A, Magadla B, Potgieter AC, Page NA, Liebenberg J, Wright IM, Landt O, van Dijk AA. Improved strategies for genome amplification and sequencing of viral dsRNA genomes. *J Gen Virol*. (In press)

Pillay V, Ledwaba J, Hunt G, Rakgotho M, Singh B, Makubalo L, Bennett D, Puren A, Morris L. Antiretroviral drug resistance surveillance among drug-naïve HIV-1 infected individuals in Gauteng Province, South Africa in 2002 and 2004. *Antiviral Therapy* 2008, 13: 101-107.

- Pillay V, Pillay C, Kantor R, Venter F, Levin L, Morris L. HIV-1 subtype C drug resistance among pediatric and adult South African patients failing anti-retroviral therapy. *AIDS Res Hum Retro* 2008; 24: 1449-54.
- Prendergast A, Mphatswe W, Tudor-Williams G, Blanckenberg N, Cengimbo A, Jeena P, Rakgotho M, Pillay V, Thobakgale C, Reddy S, McCarthy N, Dong K, Kiepiela P, Coovadia H, Morris L, Walker BD, Goulder P. Early virological suppression with three-class antiretroviral therapy in HIV-infected African infants. *AIDS* 2008; 22: 1333-43.
- Rakoto-Andrianarivelo M, Gumede N, Jegouic S, Balanant J, Andriamamonjy SN, Rabemanantsoa S, Birmingham M, Randriamanalina B, Nkolomoni L, Venter M, Schoub BD, Delpeyroux F, Reynes JM. Reemergence of recombinant vaccine-derived poliovirus outbreak in Madagascar. *J Infect Dis* 2008; May 15;197(10): 1427-35.
- Ross MH, de Frey A, Frean J. Seasonal malaria in southern Africa. In: Schlagenhauf-Lawlor P, ed. *Travelers' Malaria* (2<sup>nd</sup> ed). BC Decker, 2008.
- Shalekoff S, Meddows-Taylor S, Schramm DB, Donninger SL, Gray GE, Sherman GG, Coovadia AH, Kuhn L, Tiemessen CT. Host CCL3L1 gene copy number in relation to Human Immunodeficiency Virus-1 specific CD4<sup>+</sup> and CD8<sup>+</sup> T cell responses and viral load in South African women. *JAIDS* 2008; 48: 245-254.
- Shalekoff S, Meddows-Taylor S, Gray GE, Sherman GG, Coovadia AH, Kuhn L, Tiemessen CT. Identification of human immunodeficiency virus-1 specific CD8<sup>+</sup> and CD4<sup>+</sup> T cell responses in perinatally infected infants and their mothers. *AIDS*. (In press)
- Schoub BD. A perspective on HIV/AIDS: What could the future hold? *T Roy Soc S Afr* 2008; 63(1): 91-96.
- Schoub BD. Influenza. In: *Molecular Medicine for Clinicians*, B Mendelow, M Ramsay, N Chetty, W Stevens, (Eds.) Wits University Press. (In press)
- Schoub BD, Venter M. Flaviviruses. In: *Principles and Practice of Clinical Virology*. 6<sup>th</sup> Edition. Zuckerman A, Banatvala JE, Griffiths P, Mortimer P, Schoub B (Eds.) John Wiley & Sons Ltd, Chichester. (In press)
- Simmonds MK, Armah G, Asmah R, Banerjee I, Damanka S, Esona M, Gentsch JR, Gray JJ, Kirkwood C, Page N, Iturriza-Gomara M. New oligonucleotide primers for P-typing of rotavirus strains: Strategies for typing previously untypeable strains. *J Clin Virol*; 2008 42:368-373.
- Sloan RD, Ijaz S, Moore PL, Harrison T, Teo C, Tedder RS. Antiviral resistance mutations potentiate hepatitis B virus immune evasion through the disruption of viral surface antigen "a" determinant epitopes. *Antiviral Therapy*. 2008; 13: 439-47.
- Smith A, Keddy KH, Sooka A, Ismail H, de Jong GM, Hoyland G, for the Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa (GERMS-SA). Analysis of a temporal cluster of *Shigella boydii* isolates in Mpumalanga, South Africa, November to December 2007. *J Infect Developing Countries*. (In press)
- Smith AM, Sooka A, Ismail H, Nadan S, Crisp N, Weenik E, Keddy KH, for the Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa (GERMS- SA). Analysis of *Vibrio cholerae* isolates from the Northern Cape province of South Africa. *J Med Microbiol* 2008; 58: 151-4.
- Smith AM, Keddy KH, L De Wee L. Characterization of cholera outbreak isolates from Namibia, December 2006 to February 2007. *Epidemiol Infect* 2008;136:1207-9.
- Spillings BL, Coetzee M, Koekemoer LL, Brooke BD. The effect of a single blood meal on the phenotypic expression of insecticide resistance in the major malaria vector *Anopheles funestus*. *MJ* 2008; 7: 226.
- Swanepoel R, Paweska JT. Rift Valley fever. In: *Zoonoses*. 2nd Edition. Palmer SR, Soulsby E JL, Torgerson P, Brown D (eds). Oxford University Press. (In press)
- Swanepoel R, Paweska JT. Crimean-Congo haemorrhagic fever. In: *Zoonoses*. S.R. Palmer, E.J.L. Soulsby, P. Torgerson and D. Brown (eds). Oxford University Press. (In press)
- Swanepoel R, Burt FJ. Flaviviruses of veterinary importance. In: *Encyclopedia of Virology*. 3rd Edition. Mahy B, Van Regenmortel M (eds). Elsevier. (In press)
- Swanepoel R, Burt FJ. Bunyaviridae. In: *Principles and Practice of Clinical Virology*. 6th Edition. Zuckerman A, Banatvala J, Griffiths P, Mortimer P, Schoub B (eds). Chichester: John Wiley and Sons. (In press)
- Tomaras GD, Yates NL, Liu P, Qin L, Fouda GG, Chavez LL, deCamp AC, Parks RJ, Ashley VC, Lucas JT, Cohen M, Eron J, Hicks CB, Liao HX, Self SG, Landucci G, Forthal DN, Weinhold KJ, Keele BF, Hahn BH, Greenberg ML, Morris L, Abdool Karim SS, Blattner WA, Montefiori, Shaw GM, DC, Perelson AS, Haynes BF. Initial B-Cell Responses to Transmitted Human Immunodeficiency Virus Type 1: Virion-binding immunoglobulin M (IgM) and IgG antibodies followed by plasma anti-gp41 antibodies with ineffective control of initial viremia. *J Virol* 2008; 82: 12449-63.
- Venter M, Burt FJ, Blumberg L, Fickl H, Paweska J, Swanepoel R. Cytokine induction following laboratory acquired West Nile virus meningo-encephalitis. *New Engl J Med*. (In press)

Taylor PJ, Arntzen L, Hayter M, Iles M, Frean J, Belmain S. Understanding and managing sanitary risks due to rodent zoonoses in an African city: beyond the Boston Model. *Integ Zoology* 2008; 3: 38-50.

Van Loggerenberg F, Mlisana K, Williamson C, Auld SC, Morris L, Gray CM, Abdool Karim Q, Grobler A, Barnabas N, Iriogbe I, Abdool Karim SS, CAPRISA 002 Acute Infection Study Team. Establishing a cohort at high risk of HIV infection in South Africa: challenges and experiences of the CAPRISA 002 acute infection study. *PLoS ONE* 2008; 3 (4): e1954.

Venter M, Human S, Zaayman D, Gerdes T, Williams J, Steyl J, Leman P, Paweska J, Setzkorn H, Rous G, Murray S, Parker R, Donnellan C, Swanepoel R. Lineage 2 West Nile virus as a cause of fatal neurological disease in horses in South Africa. *Emerg Infect Dis*. (In press)

von Gottberg A, du Plessis M, Cohen C, Prentice E, Schrag S, de Gouveia L, de Jong G, Klugman K, for the Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa (GERMS-SA). Emergence of endemic serogroup W135 meningococcal disease associated with a high mortality rate in South Africa. *Clin Infect Dis* 2008; 46: 377-86.

von Gottberg A, Klugman K, Cohen C, Wolter N, de Gouveia L, du Plessis M, Mpembe R, Quan V, Whitelaw A, Hoffmann R, Govender N, Meiring S, Smith A, Schrag S for the Group for Enteric, Respiratory and

Meningeal Disease Surveillance in South Africa (GERMS-SA). Emergence of levofloxacin-non-susceptible pneumococci in children associated with treatment for multidrug resistant tuberculosis in South Africa. *Lancet* 2008; 371: 1108-13.

Wölfel R, Paweska JT, Petersen N, Grobbelaar AG, Leman PA, Hewson R, Georges-Courbot M-C, Papa A, Heiser V, Panning M, Günter S, Drosten C. Low-density macroarray for rapid detection and identification of Crimean-Congo hemorrhagic fever virus. *J Clin Microbiol*. (In press)

Wolter N, Smith AM, Farrell DJ, Northwood JB, Douthwaite S, Klugman KP. Telithromycin Resistance in *Streptococcus pneumoniae* Is Conferred by a Deletion in the Leader Sequence of *erm(B)* That Increases rRNA Methylation. *Antimicrob Agents Chemother* 2008; 52: 435-40.

Wolter N, Smith AM, Farrell DJ, Blackman Northwood J, Douthwaite S, Klugman KP. Telithromycin resistance in *Streptococcus pneumoniae* is conferred by a deletion in the leader sequence of *erm(B)* that increases rRNA methylation. *Antimicrob Agents Chemother* 2008; 52: 435-40.

Wolter N, von Gottberg A, du Plessis M, de Gouveia L, Klugman KP. Molecular basis and clonal nature of increasing pneumococcal macrolide resistance in South Africa, 2000-2005. *Int J Antimicrob Agents* 2008; 32: 62-7.