

CIDM Public Health Publications 2006 - Published / In press / submitted

Published

Beard F, McIntyre P, **Gidding HF**, Watson M. Influenza-related hospitalisations in Sydney, New South Wales, Australia. *Archives of Disease in Childhood* 2006;91:20-25.

Ganendren R, Carter E, **Sorrell TC**, Wright L. Phospholipase B activity enhances adhesion of *Cryptococcus neoformans* to a human lung epithelial cell lines. *Microbes & Infection*. Epub Jan 18th, 2006.

Halliday C, Hoile R, **Sorrell TC**, **James G**, Yadav S, Shaw P, Bleakley M, Bradstock K, Chen S. Role of prospective screening of blood for invasive aspergillosis by polymerase chain reaction in febrile neutropenic recipients of haematopoietic stem cell transplants and patients with acute leukaemia. *Br J Haem* 132:478-486, 2006.

Ng CK, **Obando D**, Widmer F, Wright LC, **Sorrell TC**, Jolliffe KA. Correlation of antifungal activity with fungal phospholipase inhibition using a series of bisquaternary ammonium salts. *J Med Chem*. 49 (2):811-816, 2006.

Pendle S, **Ginn A**, **Iredell J**. Antimicrobial resistance testing using Etest in *Bartonella henselae*. *J Antimicrob Chemother*. 2006 Feb 7 [Epub ahead of print]

Playford E, Webster A, **Sorrell T**, Craig J. Antifungal agents for preventing infections in non-neutropenic critically ill patients. *Cochrane data base of systematic reviews*: Jan 25;(1):CD004920, 2006.

Playford EG, **Kong F**, **Sun Y**, **Wang H**, **Halliday C**, **Sorrell TC**. Simultaneous detection and identification of *Candida*, *Aspergillus* and *Cryptococcus* species by Reverse Line Blot (RLB) Hybridisation. *J Clin Microbiol*. 44:876-880, 2006.

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Potter SJ, Lemey P, Dyer WB, Sullivan JS, **Chew CB**, Vandamme A-M, **Dwyer DE**, Saksena NK. Genetic analyses reveal structured HIV-1 populations in serially sampled T lymphocytes of patients receiving HAART. *Virology*, epublished 07/02/06.

Van der Bij A, Spaargaren J, Morré SA, Fennema HAS, **Mindel A**, Coutinho RA, de Vries HJC. Anorectal lymphogranuloma venereum in men having sex with men: diagnostic and clinical implications. A retrospective case-control study *Clinical Infectious Diseases* 2006;42:186-194.

Widmer F, Wright LC, **Obando D**, Handke R, Ganendren R, Ellis DH, **Sorrell TC**. Hexadecylphosphocholine (Miltefosine) has broad-spectrum fungicidal activity and is efficacious in a mouse model of cryptococcosis. *Antimicrob. Agents Chemother*. 50(2):414-421, 2006.

Zeng X, **Kong K**, **Wang H**, Darbar A, **Gilbert GL**. Simultaneous detection of nine antibiotic resistance-related genes in *Streptococcus agalactiae* using multiplex PCR and reverse line blot hybridization assay *Antimicrob Ag Chemother* 2006;50:204-9

Zhao Z, **Kong F**, **Gilbert GL**. Reverse line blot (RLB) assay for direct identification of seven *Streptococcus agalactiae* major surface protein antigen genes. *Clin Vaccine Immunol*. 2006;13:145-149.

Papers in press 2006

Backhouse JL, Gidding HF, McIntyre PB, and Gilbert GL. Evaluation of two enzyme immunoassays for detection of immunoglobulin G antibodies to mumps virus. *Clin Diag Lab Immunol* (in press)

Collignon P, Wilkinson I, **Gilbert GL**, Grayson L, Whitby M. Healthcare associated *Staphylococcus aureus* blood stream infections – a clinical quality indicator for all hospitals *Med J Aust* (in press)

Cunningham AL, Taylor R, **Taylor J**, Marks C, Shaw J, **Mindel A**. Prevalence of Infection with Herpes Simplex Virus Types 1 and 2 in Australia: a Nationwide Population-based Survey *Sexually Transmitted Infections* (in press)

Davies SC, **Taylor J**, Sedyaningsih E, Gunawan S, Cunningham AL, **Mindel A**. Prevalence and risk factors for herpes simplex virus type 2 antibodies among low and high risk populations in Indonesia. *Sexually Transmitted Diseases* (in press)

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Escandon P, Sanchez A, Martinez M, **Meyer W** & Castañeda E. Molecular epidemiology of clinical and environmental isolates of the *Cryptococcus neoformans species* complex reveals a high genetic diversity and the presence of the molecular type VGII mating type **a** in Colombia. *FEMS Yeast Research* (In press)

Espedido, B and **Iredell J**. Carbapenem resistance in an Australian Klebsiella pneumoniae isolate: a *bla*_{IMP-4} gene cassette in a conjugative plasmid also carrying a novel *bla*_{OXA-23} variant, *bla*_{OXA-73}. *Antimicrob Agents Chemother.* in press (AAC 00923-accepted 24 Sept)

Fox J, Tideman RL, Gilmour S, Marks C, van Beek I, **Mindel A**. Sex Work Practices and Condom Use in Female Sex Workers in Sydney. *International Journal of STD and AIDS* (in press)

Freedman E, Britt H, Harrison CM, **Mindel A**. Sexual Health Problems Managed In Australian General Practice – A National, Cross-Sectional Survey *Sexually Transmitted Infections* (in press)

Freedman E, Marks C, **Chung C**, **Mindel A**, Blaszczyński A. Pathological gambling among clients attending a sexual health clinic (in press).

Garland SM, Waddell R, **Mindel A**, Denham IM, McCloskey JC, for the Australian Genital Warts Study Group on Imiquimod. An open-label Phase II pilot study investigating the optimal duration of imiquimod 5% cream for the treatment of external genital warts in women *International Journal of STD and AIDS* (in press).

Haddow L, Dave B, **Mindel A**, Chung C, Marks C, **Dwyer DE**. Increases in the Prevalence of Herpes simplex type 1 isolation from the genital tract in New South Wales Australia over 25 years. *Sexually Transmitted Infections* (in press).

Haddow LJ, Sullivan EA, **Taylor J**, Abel M, Cunningham A, Tabrizi S, **Mindel A**. Herpes simplex virus type 2 (HSV-2) infection in women attending antenatal clinics in Vanuatu (in press)

He ZP, Dong Q, Song S, Peng G, Luo G, Zhuang H, **Dwyer DE**. Detection and quantitation of the severe acute respiratory syndrome coronavirus (SARS-CoV) in sera and patient-collected clinical samples. *Virology Journal* (in press).

Iredell JR, Sintchenko V. Screening for antibiotic resistant Gram-negative bacteria (communication). *Lancet Infect Dis* 2006 (in press).

Kang M, Rochford A, Johnston V, Jackson J, **Freedman E**, Brown K, **Mindel A.** Prevalence of *Chlamydia trachomatis* infection among 'high risk' young people in New South Wales, Australia (in press)

Kluger EK, **Karaoglu HK**, Krockenberger MB, Della Torre PK, **Meyer W**, Malik R: Recrudescence of cryptococcosis, caused by *Cryptococcus gattii* (molecular type VGII), over a 13 year period in a Birman cat *Medical Mycology* (in press)

Kong F, Brown M, Sabananathan A, **Zeng X, Gilbert GL.** A multiplex PCR-based reverse line blot hybridization (mPCR/RLB) assay to identify 23 *Streptococcus pneumoniae* polysaccharide vaccine serotypes. *J Clin Microbiol* (in press)

Kong F, Gidding HF, Berner, **Gilbert GL.** *Streptococcus agalactiae* C protein gene (*bac*) cell wall-spanning sequence types: their relationship to virulence and a proposed standardized nomenclature. *J Med Microbiol* (in press)

Seale H, MacIntyre CR, Hansen P, **Dwyer DE.** Prevention of cytomegalovirus by vaccination: are we close to success? *Epidemiology Reviews* (in press)

Sintchenko V. Information processing in clinical decision-making. In: Encyclopedia of Informatics in Healthcare & Biomedicine. Idea Group, 2006 (in press)

Sintchenko V, Jelfs P, Dally M, **Crichton T. Gilbert GL.** A case of urinary tuberculosis due to *Mycobacterium bovis* subsp. *caprae* *Pathology* (in press)

Sorrell TC, Wright LC, Malik R, **Himmelreich U.** Application of proton nuclear magnetic resonance spectroscopy to the study of *Cryptococcus* and cryptococcosis. *FEMS Yeast research* (in press)

Unicomb LE, Ferguson J, Stafford RJ, Ashbolt R, Kirk MD, Becker NG, Patel MS, **Gilbert GL**, Valcanis, Mickan L and the Australian Campylobacter Subtyping Study Group. Low level of fluoroquinolone resistance among *Campylobacter jejuni* isolates in *Australian Clinical Infectious Diseases*. (in press)

Wen L, Wang, Q, Li, Y, Kong F, Gilbert GL, Cao, B **Wang, L, Feng L.** Identification of group B streptococcus (*Streptococcus agalactiae*) using a serotype-specific DNA microarray. *J Clin Microbiol* (in press)

Weston KM, **Dwyer DE**, **Ratnamohan M, McPhie K**, Chan SW, **Branley J**, Allchin LJ, Hort KP. Nosocomial and community transmission of measles virus genotype D8 imported by a returning traveller from Nepal. *Communicable Diseases Intelligence* (in press).

Xiong L, Kong F, Zhou H, Gilbert GL. Rapid simultaneous detection and serovar identification of *Chlamydia trachomatis* using polymerase chain reaction and reverse line blot hybridization assay *J Clin Microbiol*. (in press – April 06)

Peer-reviewed publications – under editorial review 2006

Hanafy A, Katsu M, Iida S, Gono T, **Meyer W** and Mikami Y. Identification, Characterization and Application of Polymorphic Simple Sequence Repeat Markers for Typing of *Cryptococcus neoformans* var. *grubii*. *FEMS Yeast* (submitted)

Jelfs P, Sintchenko V, Gilbert GL. Genotyping of *Mycobacterium tuberculosis* in New South Wales: Results from 18 months of statewide trial. *NSW Public Health Bulletin* (Submitted)

Playford EG, Webster AC, **Sorrell TC**, Craig JC. A systematic review of antifungal agents for preventing fungal infections in liver transplant recipients. *European J Clin Microbiol Infect Dis* (Revision submitted).

Zeng X, Kong F, Morgan J, **Gilbert GL** Evaluation of a multiplex PCR based reverse line blot hybridization (mPCR/RLB) for identification of serotype and surface protein antigens of *Streptococcus agalactiae* (group B streptococcus, GBS) *J Clin Micro* (submitted)