

# EXHIBIT X

## **Summary of opinion regarding utility of viral and other pathogen testing relating to Inquiry into the convictions of Kathleen Megan Folbigg**

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In relation to the discussion with Ms Gail Furness SC, Ms Georgina Wright and Ms Amber Richards on the 28<sup>th</sup> November 2018 and previously with Ms Amber Richards, the issue relating to the molecular testing of stored formalin fixed, paraffin embedded (FFPE) post mortem tissues from the children of Ms Folbigg include:

1. Contamination of the specimens taken
  - a. The molecular tests are highly sensitive, detecting very small amounts of nucleic acid (DNA and RNA) from tissues.
  - b. The specimens are unlikely to have been stored appropriately for sensitive molecular testing, as storage of FFPE specimens taken post mortem is for different testing purposes. This can result in cross contamination between tissue specimens, resulting in a falsely positive result in the contaminated, but uninfected, tissue.
  - c. Specimens taken ~20 years ago will not have been stored consistent with more recent protocols for molecular testing.
2. Deterioration of specimens over time
  - a. Specimens are likely to have deteriorated over time.
  - b. Preservation due to FFPE processing does preserve some of the nucleic acids (DNA and RNA) detected in sensitive molecular testing for pathogens.
  - c. However, the nucleic acids deteriorate over time, and are also affected by the FFPE processing.
  - d. This reduces the sensitivity of detection (that is how easily we detect small amounts of pathogen) making the interpretation of results very difficult.
3. Detection of a pathogen (virus, bacterium, fungus, protozoan)
  - a. Detecting a virus does not determine causality, although it is a contributor to the clinical interpretation. In a subset of patients detection of a pathogen, by way of example Herpes Simplex Virus (HSV), in a normally sterile site (cerebrospinal fluid) is almost always associated with disease and would be typically regarded as the cause of death. However, these need to be recently collected, properly stored, and highly specific clinical settings.
  - b. That is, just because a particular virus or other pathogen is present, it does not mean it has caused the disease or death the child. The detection is always interpreted in line with the clinical setting. This setting includes how the child presented clinically, the history of the illness, the clinical examination, and in cases of death, the findings at autopsy.
  - c. Detection does not mean the virus has caused death.
4. Definitive testing is anatomical pathology, showing inflammation or causative effects on tissue. This is the usual reference standard.

5. The tests currently manufactured are not licensed for definitive testing of autopsy tissue. Such licensing through the Therapeutic Goods Administration (TGA) is specific about which analytes (that is the starting tissue or material) upon which tests can be performed. This does not, in general, and specifically in most molecular virology tests, include post mortem FFPE material.

In summary, although it is possible to perform sensitive molecular tests for infectious pathogens including viruses on FFPE tissue taken at post mortem, there exist highly significant issues regarding testing, interpretation, and conduct of the tests, which at this stage are not able to be resolved satisfactorily to make the tests useful in determining cause of death in this case.

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## Contact details

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## Current Appointments

- Director of Serology and Virology Division (SAViD), NSW Health Pathology Randwick Microbiology, The Prince of Wales Hospital, Randwick
- Senior Medical Virologist, SESIAHS & The University of New South Wales (since 1997)
- Staff specialist in charge of Diagnostic Virology, Microbiology Department, Prince of Wales Hospital, Randwick (since 1997)
- Director TGA licensed NSW donor screening laboratory (since 2008)
- Consultant Senior Staff Specialist Prince of Wales Hospital
- Consultant Senior Staff Specialist Prince of Wales Private Hospital
- Consultant Senior Staff Specialist Sydney Children's Hospital
- Consultant Senior Staff Specialist Royal Hospital for Women
- Adjunct Professor, School of Biotechnology and Biomolecular Sciences, Faculty of Science, The University of New South Wales, Kensington (since 1997)
- Conjoint Professor, School of Medical Sciences, Faculty of Medicine & The Prince of Wales Clinical School, The University of New South Wales, Kensington (since 1997)
- Adjunct Professor, School of Women's and Children's Health, Faculty of Medicine, The University of New South Wales, Kensington (since 2017)
- Deputy Chair, Serology Quality Assurance Program, Royal College of Pathologists of Australasia Quality Assurance Program (Foundation Chair 2000 to 2015)
- Foundation Chair, Biologically-sensitive Quality Assurance Program, Royal College of Pathologists of Australasia Quality Assurance Program (since 2008)
- Member of editorial board Journal of Medical Virology (2015), Pathology (2000), Food and Environmental Virology (2008), Microbiology Australia (2003), Hong Kong Medical Journal (2015), Reviews of Medical Virology (2018)
- Chair WHO Measles Elimination Committee, Commonwealth of Australia

## Qualifications

### Academic Qualifications:

2002	GCM (Graduate Certificate of Management), AGSM University of NSW
1994	PhD (Cantab), University of Cambridge, UK
1983	MBBS, University of Sydney
1983	BSc (Med), University of Sydney, graduated with distinction

### Professional Qualifications:

2016	FAHMS (Fellow of the Australian Academy of Health and Medical Sciences)
2011	FFSc (Fellow of the Faculty of Science of The RCPA)
1998	FASM (Fellow of the Australian Society of Microbiology)
1996	FRCPA (Fellow of the Royal College of Pathologists of Australasia)
1994	MASM (Member of the Australian Society for Microbiology)
1990	FRACP (Fellow of the Royal Australasian College of Physicians)

### Registration:

NSW Medical Board (1983; No.MPO192638), General Medical Council, UK (1984; No.3035126)  
ECFMG, USA (1985; No.392-614-4), Hong Kong Medical Council (1994; No. M09370)

## Awards and Other Recognition

2016	Elected Fellow of the Australian Academy of Health and Medical Sciences (FAHMS)
2012	ASM bi-annual Goldsworthy lecture <i>Viral infections of pregnant mothers and their babies – research to reduce virus transmission</i>
2012-2019	Member of the NHMRC Research Translation Faculty
2012	Inaugural Visiting Professor, Centre National de Référence de CMV, INSERM 1092 France
2011	Member of the Order of Australia (AM)
2010	Founding Fellowship of the RCPA Faculty of Science
2007 - 2017	NHMRC Practitioner Fellowship, Level 2
2010	RCPA Visiting Professorship
2007	Gold Medal Australian Council on Healthcare Standards (ACHS)
2005	Fenner Prize Australian Society for Microbiology
1997	Australian Society for Infectious Diseases RACP Travel Grant
1995	Award for Advanced Research in Infectious Diseases, Glaxo
1993	Research Associateship, Department of Pathology, University of Cambridge
1992	The Eric de Bunsen Award, King's College (Cambridge, UK)
1990-1991	The Sir Robert Menzies Memorial Scholarship in Medicine
1989-1993	Overseas Research Students ORS Award, Committee of vice-chancellors and principals of the universities of the UK (University of Cambridge)
1989	King's College external studentship (Cambridge, UK)
1989	Royal Australasian College of Physicians Fellowship in Infectious Diseases
1983	Most valuable intern, Concord Hospital, NSW
1979	BSc (Med) student research award (Eli-Lilly)

## Membership of Professional Associations

The Royal Australasian College of Physicians (FRACP since 1990)  
The Royal College of Pathologists of Australasia (FRCPA since 1996)  
Australian Society of Microbiology (since 1987; MASM since 1994; FASM since 1998)  
Faculty of Science, RCPA (FFSc since 2011)  
Australian Society of HIV Medicine (since 1997)  
Australasian Society of Infectious Diseases (since 1987)  
Australian Medical Association (AMA) member no. M192638;  
American Society of Microbiology USA (since 1989)  
Cambridge Philosophical Society UK (1989-93)  
The Royal Society of Tropical Medicine and Hygiene (Fellowship in 1985-2000; No.A816)  
Society for General Microbiology UK (since 1989)

## Previous Experience

2004-2008 Associate Professor, Department of Cellular and Molecular Biology, Faculty of Science, University of Technology, Sydney  
1996 Staff Specialist (Locum) in Virology, ICPMR, Westmead Hospital  
Consultant, Centre for Infectious Diseases and Microbiology (CIDM)  
1994-1996 Clinical Senior Lecturer, University of Sydney  
1994-1996 Clinical Fellow in Virology, ICPMR, Westmead Hospital  
1993 Research associate, Dept. of Pathology, University of Cambridge  
1989-1993 PhD student, Dept. of protein nucleic acid chemistry, MRC Laboratory of Molecular Biology, Cambridge, UK  
1989 Virology Registrar, Westmead Hospital  
1987-1988 Infectious diseases registrar and Acting Clinical Superintendent (Medicine), Westmead Hospital  
1985-1986 Basic physician trainee, Concord Hospital (Terms: Professorial Medicine, Rheumatology, Cardiology, Gastroenterology, Haematology, Neurology, Renal, Respiratory, Rheumatology)  
1984 First year resident medical officer, Concord Hospital (ICU, Neurology, Casualty)  
1983 Intern, Concord Hospital, NSW. (Casualty, Cardiology, Urology, Gastroenterology, Orthopaedics)  
1979 Scientist, Immunology laboratory East Arm Leprosy Hospital, Darwin, and Department of Immunology, Sydney University  
1978 Nurses aide, Lorneville Hospital, New Zealand

## Publications

Peer reviewed 354 publications, >15,000 citations, H-index 66, i10 index 225  
Reviews 39 publications  
Abstracts >600

## **PUBLICATIONS**

### **1. REFEREED RESEARCH PUBLICATIONS**

#### **1986**

PB1. **Rawlinson WD**, Barr GD, Lin BPC (1986) Antral vascular ectasia – The watermelon stomach. *Medical Journal of Australia*. 144:709-711

#### **1987**

PB2. **Rawlinson WD**, Basten A, Hargrave JC (1987) Clinical significance of changes in serum proteins immunoglobulins and autoantibodies in leprosy. *International Journal of Leprosy and other Mycobacterial Diseases*. 55(2):277-285

PB3. **Rawlinson WD**, George CRP (1987) Vancomycin induced vasculitis. *Medical Journal of Australia* 147(9):470-471

#### **1988**

PB4. **Rawlinson WD**, Basten A, Britton WJ, Serjeantson SW (1988) Leprosy and immunity: Genetics and immune function in multiple case families. *Immunology and Cell Biology*. 66(1):9-21

PB5. **Rawlinson WD**, Sorrell TC, Munro R (1988) Bacteraemia in neutropaenic patients at a major teaching hospital 1981-1987. *Australian and New Zealand Journal of Medicine*. 18:815-817

PB6. **Rawlinson WD**, Daley DA, MacLeod C (1988) *Listeria* septicaemia with cellulitis – a case report. *Communicable Diseases Intelligence* 88(5):6-7

#### **1989**

PB7. Lieschke GJ, Bell D, **Rawlinson WD**, Green M, Sheridan W, Morstyn G, Stuart-Harris R, Levy J, Kefford R, Sorrell TC, Fox RM (1989) Empiric single agent or combination antibiotic therapy for febrile episodes in neutropenic patients: An overview. *European Journal of Cancer and Clinical Oncology*. 25 (2):s37-s42

PB8. **Rawlinson WD**, Basten A (1989) Cross reactivity of *Mycobacterium leprae* and *Mycobacterium tuberculosis* and the implications for assessment of in vitro T cell function in leprosy patients. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. 83:557-559

PB9. **Rawlinson WD**, Dwyer DE, Gibbins VL, Cunningham AL (1989) Rapid diagnosis of varicella zoster virus infection using a direct fluorescence technique. *Journal of Virological Methods*. 23:13-18

PB10. **Rawlinson WD**, Packham D, Gardner J, MacLeod C (1989) Histoplasmosis in the acquired immunodeficiency syndrome (AIDS). *Australian and New Zealand Journal of Medicine*. 19 (6):707-709

#### **1991**

PB11. Mathijs JM, **Rawlinson WD**, Jacobs S, Bilous AM, Milliken JM, Dowton DN, Cunningham AL (1991) Cellular localization of human cytomegalovirus reactivation in the cervix. *Journal of Infectious Diseases*. 163:921-922

PB12. **Rawlinson WD**, Chee MS, Smith V, Barrell BG (1991) Single-stranded rescue from phagemids in microtitre plates. *Nucleic Acids Research*. 19(17):4779

- PB13. **Rawlinson WD**, Cunningham AL (1991) Contralateral hemiplegia following thoracic Herpes zoster. *Medical Journal of Australia*. 155:344-346
- PB14. Smith V, Craxton M, Bankier AT, Brown CM, **Rawlinson WD**, Chee MS, Barrell BG (1991) Microtitre methods for preparation and fluorescent sequencing of M13 clones. *Methods in Enzymology*. 218:173-187
- 1992**
- PB15. **Rawlinson WD**, Hueston LC, Irving WL, Cunningham AL (1992) Cytomegalovirus meningoencephalitis in healthy adults with coincident infection by human herpesvirus type 6. *Australian and New Zealand Journal of Medicine*. 22(5):504-505
- 1993**
- PB16. **Rawlinson WD**, Barrell BG (1993) Spliced transcripts from human cytomegalovirus (HCMV). *Journal of Virology*. 67 (9):5502-5513
- PB17. Smith V, Craxton M, Bankier AT, Brown CM, **Rawlinson WD**, Chee MS, Barrell BG (1993) Preparation and fluorescent sequencing of M13 clones: Microtiter methods. *Methods in Enzymology*. 218:173-187
- 1994**
- PB18. Vieira J, Farrell HE, **Rawlinson WD**, Mocarski ES (1994) Genes in the HindIII fragment of the murine cytomegalovirus genome are dispensable for growth in cultured cell: insertion mutagenesis with a lacZlgpt cassette. *Journal of Virology*. 68 (8):4837-4846
- PB19. Xu J, Scalzo AA, Lyons PA, Farrell HE, **Rawlinson WD**, Shellam, GR (1994) Identification, sequencing and expression of the glycoprotein L (gL) gene of murine cytomegalovirus. *Journal of General Virology*. 75:3235-3240
- 1995**
- PB20. Moaven LD, Cunningham AL, Gilbert GL, **Rawlinson WD** (1995) Amniocentesis to diagnose congenital CMV infection. *Medical Journal of Australia* 162:334-335
- 1996**
- PB21. Cavanaugh VJ, Stenberg RM, Staley TL, Virgin HW, MacDonald MR, Paetsold S, Farrell HE, **Rawlinson WD**, Campbell AE (1996) Murine cytomegalovirus with a deletion of genes spanning HindIII-J and -I displays altered cell and tissue tropism. *Journal of Virology* 70, 1365-1374
- PB22. Cranmer LD, Clark CL, Morello CS, Farrell HE, **Rawlinson WD**, Spector DH (1996) Identification, analysis and evolutionary relationships of the putative murine cytomegalovirus homologs of the human cytomegalovirus UL82(pp71) and UL83(pp65) matrix phosphoproteins. *Journal of Virology*.70(11):7929-7939
- PB23. **Rawlinson WD**, Farrell HE, Barrell BG (1996) Analysis of the complete DNA sequence of murine cytomegalovirus (MCMV). *Journal of Virology*. 70(12):8833-8849



## 1997

- PB24. Bowen S, Chen S, Ratnamohan M, Mudaliar Y, **Rawlinson WD** (1997) Herpes simplex infection of the respiratory tract. *The Journal of the Hong Kong College of General Practitioners*. 19(6):301
- PB25. Chen SCA, Lui K, Rowlands S, Lindstrom S, Nicoll M, **Rawlinson WD** (1997) Maternal and foetal infection with mycobacterium tuberculosis. *Archives of Diseases of Childhood* 77(1):F77-F78
- PB26. Davis-Poynter NJ, Lynch DM, Vally H, Shellam GR, **Rawlinson WD**, Barrell BG, Farrell HE (1997) Identification and characterization of a G protein-coupled receptor homolog encoded by murine cytomegalovirus. *Journal of Virology* 71(2):1521-1529
- PB27. Kesson AM, Ferguson JK, **Rawlinson WD**, Cunningham AL (1997) Progressive vaccinia treated with ribavirin and vaccinia-immune globulin. *Clinical Infectious Diseases*. 25:911-914
- PB28. **Rawlinson WD** (1997) Recent advances in antiviral agents for treatment of herpesvirus infections. *Hong Kong Practitioner*. 19(9):466-477
- PB29. **Rawlinson WD**, Zeng F, Farrell HE, Cunningham AL, Scalzo AA, Booth TW, Scott GM (1997) The murine cytomegalovirus (MCMV) homolog of the HCMV phosphotransferase (UL97 (pk) gene. *Virology*. 233:358-363
- PB30. Saksena N, Srinivasan A, Chun Ge Y, Xiang S-H, Azad A., Bolton W, Herve V, Reddy S, Diop O, Miranda-Saksena M, **Rawlinson WD**, Vandamme A-M, Cunningham AL, Barre-Sinoussi F (1997) Simian T-cell leukemia virus type-1 (STLV-1) from naturally infected feral monkeys from Central and West Africa code for a 91 amino acids long p12 (ORF-1) protein as opposed to 99 amino acids in HTLV-1 from humans. *AIDS Research and Human Retroviruses*. 13(5):425-432
- PB31. Trivett-Moore NL, **Rawlinson WD**, Yuen M, Gilbert GL (1997) *Helicobacter westmeadii* sp. Nov.- a new species isolated from the blood cultures of two AIDS patients. *Journal of Clinical Microbiology*. 35 (5):1144-1150
- PB32. Ziegler H, Thäle R, Lucin P, Flohr T, Muranyi W, Hengel H, Farrell H, **Rawlinson WD**, Koszinowski UH (1997) A mouse cytomegalovirus glycoprotein blocks antigen presentation in the MHC class I pathway. *Immunity*. 6:57-66

## 1998

- PB33. Chant K, Chan R, Smith M, Dwyer DE, Kirkland P, Conaty S, Cossart Y, Gilbert G, Jane R, Love R, McAnulty J, **Rawlinson WD**, Sergeant E (1998) Probable human infection with a newly described virus in the family Paramyxoviridae. *Emerging Infectious Diseases*. 4(2): 273-275
- PB34. Deng Y-M, **Rawlinson WD**, Tuch BE (1998) Xenotransplantation of pig tissue: Further studies are justified and necessary. *Medical Journal of Australia* 169:443
- PB35. Kesson AM, Zeng F, Cunningham AL, **Rawlinson WD** (1998) The use of flow cytometry to detect antiviral resistance in human cytomegalovirus. *Journal of Virological Methods*. 71(2):177-186

PB36. Ratnamohan VM, Cunningham AL, **Rawlinson WD** (1998) Removal of inhibitors of CSF-PCR to improve diagnosis of herpesviral encephalitis. *Journal of Virological Methods*. 72:59-65

## 1999

PB37. Craig ME, Vale T, Robertson P, Gould B, **Rawlinson WD** (1999) Enterovirus 71 infection in Australian expatriate children following an outbreak in Malaysia. *Journal of Paediatrics and Child Health*. 35:107-109

PB38. Ferson MJ, Yankos P, Pontivivo G, Wong A, Lee D, Isaacs M, Intan F, Mclver CJ, **Rawlinson WD** (1999) Value of a reverse transcriptase-polymerase chain reaction assay for Norwalk-like viruses in the investigation of institutional gastroenteritis outbreaks. *NSW Public Health Bulletin*. 10(11):158-160

PB39. Haber PS, Parsons SJ, Harper SE, White PA, **Rawlinson WD**, Lloyd AR (1999) Transmission of Hepatitis C with Australian prisons. *Medical Journal of Australia* 171(1):31-33

PB40. Hanson LK, Dalton BL, Karabekian Z, Farrell HE, **Rawlinson WD**, Stenberg RM, Campbell AE (1999) Transcriptional analysis of the murine cytomegalovirus *Hind* III 1 region: Identification of a novel immediate early gene region. *Virology* 260(1):156-164

PB41. **Rawlinson WD** (1999) Diagnosis of human cytomegalovirus infection and disease. *Pathology*. 31(2):109-115 (Broadsheet number 50)

PB42. White PA, Li Z, **Rawlinson WD** (1999) Sequence diversity in the 5'-UTR region of GB virus C/hepatitis G virus assessed using sequencing, heteroduplex mobility analysis and single-strand conformation polymorphism. *Journal of Virological Methods* 83(1-2):91-101

## 2000

PB43. Carter I, **Rawlinson WD** (2000) Molecular diagnostic techniques in virology. *Australian Journal of Medical Science*. 21(1):79-80

PB44. Deng Y-M, Lee J-H, Moran C, Jin J-H, Tuch BE, **Rawlinson WD** (2000) Mapping dispersed repetitive loci using semi-specific PCR cloning and somatic cell hybrid mapping. *Nucleic Acids Research* 28(23):e103

PB45. Deng Y-M, Tuch BE, **Rawlinson WD** (2000) Transmission of porcine endogenous retroviruses in severe combined immunodeficient mice xenotransplanted with fetal porcine pancreatic cells. *Transplantation* 70:1010-1016

PB46. Ferson MJ, Ressler K-A, Mclver CJ, Isaacs M, **Rawlinson WD** (2000) Norwalk-like virus as a cause of a gastroenteritis outbreak in a childcare centre. *Australian and New Zealand Journal of Public Health* 24(3):342-343

PB47. Freeman AJ, Zekry A, Whybin LR, Harvey CE, van Beek IA, de Kantzow SL, **Rawlinson WD**, Boughton CR, Robertson PW, Marinos G, Lloyd AR (2000) Hepatitis C prevalence among Australian injecting drug users in the 1970s and profiles of virus genotypes in the 1970s and 1990s. *Medical Journal of Australia* 172:588-591

PB48. Mclver CJ, Palombo EA, Doultree JC, Mustafa H, Marshall JA, **Rawlinson WD** (2000) Detection of astrovirus gastroenteritis in children. *Journal of Virological Methods* 84:99-105

- PB49. **Rawlinson WD** (2000) Cytomegalovirus – A general overview and recent developments. Australian Journal of Medical Science. 21(1):76
- PB50. Scott GM, Ratnamohan VM, **Rawlinson WD** (2000) Improving permissive infection of human cytomegalovirus in cell culture. Archives of Virology 145:2431-2438
- PB51. Trincado D, Scott GM, White PA, Hunt C, Rasmussen L, **Rawlinson WD** (2000) Human cytomegalovirus (HCMV) strains associated with congenital and perinatal infections. Journal of Medical Virology 61:481-487
- PB52. Tuch B, **Rawlinson WD** (2000) Xenotransplantation in diabetes. Today's Life Science. 12(6):30-33
- PB53. Tuch B, **Rawlinson WD**, Collignon P (2000) Xenotransplantation into humans. Australian and New Zealand Journal of Medicine. 30(2):264-266
- PB54. White PA, Li Z, Zhai X, Marinos G, **Rawlinson WD** (2000) Mixed viral infection identified using heteroduplex mobility analysis (HMA). Virology 271:382-389
- PB55. White PA, Mclver C, Deng Y-M, **Rawlinson WD** (2000) Characterisation of two new gene cassettes, *aadA5* and *dfr A17*. FEMS Microbiology Letters 182(2):265-269
- PB56. White PA, Zhai X, Carter I, Zhao Y, **Rawlinson WD** (2000) Simplified Hepatitis C virus genotyping by heteroduplex mobility analysis. Journal of Clinical Microbiology 38:477-482

## 2001

- PB57. Awofeso N, Fennell M, Waluzzaman Z, O'Connor C, Pittam D, Boonwaat L, de Kantzow S, **Rawlinson WD** (2001) Influenza outbreak in a correctional facility. Australian and New Zealand Journal of Public Health 25(5):443-446
- PB58. Chan RC, Penney DJ, Little D, Carter IW, Roberts JA, **Rawlinson WD** (2001) Hepatitis and death following vaccination with 17D-204 yellow fever vaccine. Lancet 358:84-5, 91-104,121-122
- PB59. Grulich AE, Cunningham P, **Rawlinson WD** (2001) Human herpesvirus 8: A new sexually transmissible infection. Venereology 14:174-180
- PB60. Lawson JS; Tran D; **Rawlinson WD** (2001) From Bittner to Barr: A viral, diet and hormone breast cancer aetiology hypothesis. Breast Cancer Research. 3(2):81-85
- PB61. Mclver CJ, Hansman G, White PA, Doultree JC, Catton M, **Rawlinson WD** (2001) Diagnosis of enteric pathogens in children with gastroenteritis. Pathology 33:353-358
- PB62. **Rawlinson WD** (2001) New Drugs Old Drugs: Antiviral agents for influenza, hepatitis C and herpesvirus, enterovirus and rhinovirus infections. Medical Journal of Australia 175:112-116
- PB63. Trincado DE, **Rawlinson WD** (2001) Congenital and perinatal infections with cytomegalovirus. Journal of Paediatrics and Child Health 37:187-192
- PB64. White PA, Mclver CJ, **Rawlinson WD** (2001) Integrons and gene cassettes in the Enterobacteriaceae. Antimicrobial Agents and Chemotherapy 45(9):2658-2661
- PB65. White PA, **Rawlinson WD** (2001) An update on the *aadA* and *dfr* gene cassette families. Journal of Antimicrobial Chemotherapy 47(4):495-496

## 2002

- PB66. Kumar G, Tuch BE, Deng Y-M, **Rawlinson WD** (2002). Limiting potential infectious risks of transplanting insulin-producing pig cells into humans. *Pathology* 34:178-84
- PB67. McIver CJ, White PA, Jones LA, Karagiannis T, Harkness J, Marriott D, **Rawlinson WD** (2002) Epidemic strains of *Shigella sonnei* biotype g carrying integrons. *Journal of Clinical Microbiology* 40(4):1538-1540
- PB68. Reesink HW, Engelfriet CP, Tegtmeier GE, O’Riordan J, Eglin R, Barbara JA, Flanagan P, Lin CK, **Rawlinson WD**, Muylle L, Wendel S, Biagini S, Lazar AE, Krusius T, Alitupa E, Grillner L, Preiser W, Doerr HW, Brand A, Zupanska B, Brojer E, Degre M (2002) Prevention of post-transfusion cytomegalovirus: leucoreduction or screening? *Vox Sanguinis* 83:72-87
- PB69. Scott GM, Barrell BG, Oram J, **Rawlinson WD** (2002) Characterisation of transcripts from the human cytomegalovirus genome. *Virus Genes* 24(1):39-48
- PB70. White PA, Pan Y, Freeman AJ, Marinos G, Ffrench RA, Lloyd AR, **Rawlinson WD** (2002) Quantification of hepatitis C virus in human liver and serum samples by using LightCycler reverse transcriptase PCR. *Journal of Clinical Microbiology* 40(11):4346-4348
- PB71. White PA, Hansman GS, Li A, Dable J, Isaacs M, Ferson M, McIver CJ, **Rawlinson WD** (2002) Norwalk-like virus 95/96-US strain is a major cause of gastroenteritis outbreaks in Australia. *Journal of Medical Virology* 68:113-118

## 2003

- PB72. Craig ME, Howard NJH, Silink M, **Rawlinson WD** (2003) Reduced frequency of HLA DRB1\*03-DQB1\*02 in children with type 1 diabetes associated with enterovirus RNA. *Journal of Infectious Diseases* 187(10):1562-1570
- PB73. Craig ME, Robertson P, Howard NJ, Silink M, **Rawlinson WD** (2003) Diagnosis of enterovirus infection using genus-specific PCR and ELISA. *Journal of Clinical Microbiology* 41(2):841-844
- PB74. Ford CE, Tran D, Deng Y, Ta VT, **Rawlinson WD**, Lawson JS (2003) Mouse mammary tumor virus-like gene sequences in breast tumors of Australian and Vietnamese women. *Clinical Cancer Research* 9: 1118-1120
- PB75. Freeman AJ, Pan Y, Harvey CE, Post JJ, Law MG, White PA, **Rawlinson WD**, Lloyd AR, Marinos G, Ffrench RA (2003) The presence of an intrahepatic cytotoxic T lymphocyte response is associated with low viral load in patients with chronic hepatitis C virus infection. *Journal of Hepatology* 38:349-356
- PB76. Jones LA, McIver CJ, **Rawlinson WD**, White PA (2003) Polymerase chain reaction screening for integrons can be used to complement resistance surveillance programs. *Communicable Diseases Intelligence – Antimicrobial Resistance in Australia (Supplement)* 27:S103-S110
- PB77. Nolan M, Craig ME, Lahra MM, **Rawlinson WD**, Prager PC, Williams GD, Andrews PI (2003) Survival after pulmonary edema due to Enterovirus 71 encephalitis. *Neurology* 60(10):1651-1656

- PB78. Pignatelli S, Dal Monte P, Rossini G, Chou S, Gojobori T, Hanada K, Guo JJ, **Rawlinson WD**, Britt W, Mach M, Landini MP (2003) Human cytomegalovirus glycoprotein N (gpUL73-gN) genomic variants: identification of a novel subgroup, geographical distribution and evidence of positive selective pressure. *Journal of General Virology* 84:647-655
- PB79. **Rawlinson WD**, Scott G (2003) Cytomegalovirus. A common virus causing serious disease. *Australian family physician*. 32(10):789-793
- PB80. **Rawlinson WD**, Waliuzzaman Z, Carter IW, Belessis YC, Gilbert KM, Morton JR (2003) Asthma exacerbations in children are associated with rhinovirus but not human metapneumovirus infection. *The Journal of Infectious Diseases* 187(8):1314-1318
- PB81. Senanayake S, Kelly J, Lloyd A, Waliuzzaman Z, Goldstein D, **Rawlinson WD** (2003) Multicentric Castleman's Disease – treated with antivirals and immuno-suppressants. *Journal of Medical Virology* 71:399-403

## 2004

- PB82. Belessis Y, Dixon S, Thomsen A, Duffy B, **Rawlinson WD**, Henry R, Morton J (2004). Risk factors for an Intensive Care Unit admission in children with asthma. *Pediatric Pulmonology* 37(3):201-209
- PB83. Faedo M, Ford CE, Mehta R, Blazek K, **Rawlinson WD** (2004) Mouse mammary tumor like virus is associated with p53 nuclear accumulation and progesterone receptor positivity but not estrogen positivity in human female breast cancer. *Clinical Cancer Research* 10:4417-4419
- PB84. Ferson MJ, Morgan KE, Robertson PW, Hampson AW, Carter IW, **Rawlinson WD** (2004) Concurrent summer influenza and pertussis outbreaks in a nursing home in Sydney, Australia. *Infection Control and Hospital Epidemiology* 25(11):962-966
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- CF39. Li Z, White P, Bolton W, **Rawlinson WD** (1999) Prevalence of TT virus in Australian and Vietnamese sera. XIth International Congress of Virology, Darling Harbour, Sydney, p 185
- CF40. Li Z, White PA, Bolton W, **Rawlinson WD** (1999) Transfusion-Transmitted virus (TTV) Prevalence, Genotype and Co-infection in Australia, China and Vietnam. International Congress of Virology, Sydney
- CF41. Li Z, White PA, **Rawlinson WD** (1999) Sequence diversity within the 5'-untranslated region of the hepatitis G virus genome; genotyping and SSCP analysis of Australian isolates. Australian Centre for Hepatitis Virology, Sydney
- CF42. Scott GM, **Rawlinson WD** (1999) Enhancement of human cytomegalovirus yield in cell culture. School of Pathology UNSW Research Day Oral Presentation, Sydney
- CF43. Scott G, **Rawlinson WD** (1999) The human cytomegalovirus glycoprotein genes gB, US3 and UL20a sequence variation and expression. XIth International Congress of Virology, Darling Harbour, Sydney; p 76
- CF44. Trincado D, Scott G, Hunt C, **Rawlinson WD** (1999) Molecular subtyping of human cytomegalovirus infections in Australian children. XIth International Congress of Virology, Darling Harbour, Sydney, p 425
- CF45. White PA, Li Z, Zhai X, **Rawlinson WD** (1999) Determining viral infection of two strains of the same virus in an individual. School of Pathology, UNSW, Sydney
- CF46. White PA, Li Z, **Rawlinson WD** (1999) Development of heteroduplex mobility assays for analysis of hepatitis C and G viruses. Australian Centre for Hepatitis Virology Inc. Annual Workshop, Quarantine Station, Sydney pg 30
- CF47. White PA, **Rawlinson WD** (1999) Genotyping Hepatitis C Virus (HCV) using Heteroduplex Mobility Assays. International Congress of Virology, Sydney
- CF48. White P, **Rawlinson WD** (1999) Genotyping Hepatitis C Virus using heteroduplex mobility assays: correlation with nucleotide sequencing. XIth International Congress of Virology, Darling Harbour, Sydney, p 283

## 2000

- CF49. Craig ME, Silink M, Howard NJ, **Rawlinson WD** (2000) Molecular typing of enterovirus in children at diagnosis of type 1 diabetes. Australian Paediatric Endocrine Group Annual Scientific Meeting, Sydney
- CF50. Deng Y-M, Tuch BE, Rice AM, **Rawlinson WD** (2000) Animal models for studying pig endogenous retroviruses in xenografted hosts. The Transplantation Society of Australia and New Zealand, Sydney
- CF51. Freeman AJ, Harvey CH, Law MG, **Rawlinson WD**, Riordan S, Lloyd AR, Ffrench RA, Marinos G (2000) Cytotoxic T lymphocytes in Hepatitis C infection. 7<sup>th</sup> International Hepatitis Meeting

- CF52. Freeman AJ, Harvey CH, Law MG, **Rawlinson WD**, Riordan S, Lloyd AR, French RA, Marinos G (2000) Cytotoxic T lymphocytes in hepatitis C infection. Australian Centre for Hepatitis Virology meeting 2000
- CF53. Freeman AJ, Zekry A, Whybin LR, Harvey CE, van Beek IA, de Kantzow SL, **Rawlinson WD**, Boughton CR, Robertson PW, Marinos G, Lloyd AR (2000) Hepatitis C virus prevalence and genotype among Australian injecting drug users in the 1970s. 51<sup>st</sup> Annual Meeting of the AASLD, Wyndham Anatole Hotel, Dallas, USA
- CF54. Grulich AE, Prestage G, Cunningham P, Kippax S, Isaacs M, **Rawlinson WD**, Kaldor JM (2000) Seroprevalence and risk factors for human herpesvirus 8 infection in the SMASH cohort. Australian Society for HIV Medicine
- CF55. Kumar G, Tuch BE, **Rawlinson WD** (2000) Potential infectious risks of transplanting pig tissue into humans. The Transplantation Society of Australia and New Zealand, Sydney
- CF56. McIver CJ, Isaacs M, Hansman GS, White PA, Clancy L, **Rawlinson WD** (2000) Detection of Norwalk-like viruses in outbreaks of gastroenteritis in NSW. NSW Communicable Disease Control Workshop, Sydney, Item No 25
- CF57. McIver CJ, Hansman G, White PA, Doultree JC, Intan F, Catton M, **Rawlinson WD** (2000) A study of enteric pathogens in children with gastroenteritis. RCPA 45<sup>th</sup> Annual Scientific Meeting, Canberra
- CF58. **Rawlinson WD** (2000) Molecular diagnosis of viral infections. International Conference on New Vaccines and Antiviral Drugs. The 10<sup>th</sup> Annual Scientific Meeting of the Virology Association, Ayutthaya, Thailand pg 63
- CF59. **Rawlinson WD** (2000) Quality Assurance and Laboratory Accreditation. International Conference on New Vaccines and Antiviral Drugs. The Tenth Annual Scientific Meeting of the Virology Association (Thailand), Ayutthaya, Thailand pg 81
- CF60. **Rawlinson WD** (2000) How can you treat it wherever you are if you don't know what it is? News & Views, newsletter of The Prince Henry & Prince of Wales Hospitals, Sydney, pg 7
- CF61. **Rawlinson WD**, de Kantzow S, Le N, Robertson PW, Dore G, Freeman AJ, White PA (2000) Hepatitis C genotypes and spread within Australia. NSW Communicable Diseases Control Workshop, Sydney
- CF62. **Rawlinson WD** (2000) Viral gastroenteritis – why investigate and what to look for. RCPA 45<sup>th</sup> Annual Scientific Meeting, Canberra
- CF63. White PA, Li Z, Zhai X, **Rawlinson WD** (2000) Mixed or co-infection diagnosed using heteroduplex mobility analysis (HMA). The Australasian Society for Infectious Diseases Incorporated Annual Scientific Meeting, Leura

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- CF64. Ferson MJ, Ressler K-A, Li A, McIver CJ, Young D, Stringfellow S, **Rawlinson WD** (2001) Norwalk-like virus, astrovirus and rotavirus gastroenteritis in children in childcare centres. Australian Society for Infectious Diseases Conference, 2001. Melbourne (Oral presentation)

- CF65. Freeman AJ, Sanjtkumar S, Micallef JM, Harvey CE, White PA, **Rawlinson WD**, Marinos G, Lindeman R, Ffrench RA, Lloyd AR (2001) Intrahepatic virus-specific CTL activity is detectable in HCV exposed uninfected thalassaemic patients. Australian Centre for Hepatitis Virology Inc. National Scientific Workshop, Quarantine Station, Sydney, pg 32
- CF66. Pan Y, White PA, Freeman T, **Rawlinson WD**, and the HITS study group. (2001) Quantitative detection of hepatitis C RNA and LightCycler PCR in chronically infected patients. Australian Centre for Hepatitis Virology Inc. National Scientific Workshop, Quarantine Station, Sydney, pg 11
- CF67. White PA, Clancy LE, **Rawlinson WD** (2001) Assessment of hepatitis C virus RNA dependent RNA polymerase activity. Australian Centre for Hepatitis Virology Inc. National Scientific Workshop, Quarantine Station, Sydney, pg 18

## 2002

- CF68. Botham S, Ferson MJ, Morgan K, Smedley E, Young LC, Carter I, **Rawlinson WD**, Robertson PW (2002) Measles cluster of three generations demonstrating transmission via brief contact in a doctor's waiting room. Australian Society for Infectious Diseases Conference, South Australia 2002
- CF69. Freeman A, Post J, Harvey C, Pan Y, White P, Marinos G, **Rawlinson WD**, Ffrench R, Lloyd A (2002) Cellular immunity in people resistant to chronic HCV infection. AASLD, Boston
- CF70. Flower R, **Rawlinson WD**, Bolton W, Hyland C, Kamhieh S, de Leon E, Bode L, Ludwig H, Ward C, Isbister J (2002) Transfusion transmitted viral infections – Does the “precautionary principle” apply to agents not known to be significant pathogens? Australian Society for Blood Transfusion meeting, Sydney
- CF71. Francis B, Escott R, **Rawlinson WD** (2002) Rubella antibody testing: variations in cut-off values interpretations. Australian Society for Microbiology, Melbourne 2002
- CF72. Freeman AJ, Ffrench RA, Post JJ, Harvey CE, Gilmour SJ, White PA, Marinos G, **Rawlinson WD**, van Beek I, Lloyd AR (2002) Virus-specific IFN- $\gamma$  production is associated with high risk injecting behaviour among HCV-resistant subjects. ASHM Conference, Sydney
- CF73. Ford C, Faedo M, Blazek K, Tran D, Deng Y, Lawson JF, **Rawlinson WD** (2002) Presence of a human homologue of mouse mammary tumor virus in human breast cancer tissue. Poster presentation abstract. School of Biotechnology & Biomolecular Sciences First Annual Symposium, Sydney P-4
- CF74. Ford C, Faedo M, Blazek K, Tran D, Deng Y, Lawson JF, **Rawlinson WD** (2002) Presence of a human homologue of the mouse mammary tumor virus in human breast cancer tissue. Australian Society for Microbiology Annual Scientific Meeting, Melbourne 2002
- CF75. Jones LA, Clancy LE, **Rawlinson WD**, White PA (2002) Generation of aptamers to hepatitis C virus core protein and polymerase by the systematic evolution of ligands by exponential enrichment (SELEX). Poster presentation abstract School of Biotechnology & Biomolecular Sciences First Annual Symposium, Sydney

- CF76. **Rawlinson WD**, Stern J, Munro SC, Waliuzzaman Z, Scott GM (2002) Genotyping of congenital human CMV isolates based on four glycoprotein genes. Poster presentation abstract School of Biotechnology & Biomolecular Sciences First Annual Symposium, Sydney
- CF77. Scott GM, **Rawlinson WD** (2002) Studies of murine cytomegalovirus genes involved in antiviral susceptibility and resistance. Poster presentation abstract. School of Biotechnology & Biomolecular Sciences First Annual Symposium, Sydney
- CF78. Trincado DE, Munro SC, **Rawlinson WD** (2002) Human cytomegalovirus infection of the placenta and congenital disease. Poster presentation abstract School of Biotechnology & Biomolecular Sciences First Annual Symposium, Sydney
- CF79. Wood R, Dimech W, **Rawlinson WD** (2002) Victorian branch of the Serology SIG. Serology Special Interest Group Workshop, National Reference Laboratory, Melbourne 2002

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- CF80. Bull R, **Rawlinson WD**, White P (2003) Recombination between norovirus genogroup II occurs immediately upstream of the capsid gene. Poster presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney
- CF81. Clancy LE, Jones LA, **Rawlinson WD**, White PA (2003) Variable activity of the RNA dependent RNA polymerase from different hepatitis C virus (HCV) genotypes. Oral presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney
- CF82. Faedo M, Mehta R, Blazek K, Ford C, **Rawlinson WD** (2003) RT-PCR of MMTV-like RNA sequences in formalin-fixed, paraffin-embedded human breast cancer tissues. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF83. Faedo M, Mehta R, Blazek K, Ford C, **Rawlinson WD** (2003) RT-PCR of MMTV-like RNA sequences in formalin-fixed, paraffin-embedded human breast cancer tissues. 15<sup>th</sup> Lorne Cancer Conference, Victoria 2003
- CF84. Ford C, Faedo M, Tran D, Lawson JF, **Rawlinson WD** (2003) Presence of human homologue of mouse mammary tumour virus in human breast cancer tissue. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF85. Ford C, Faedo M, Tran D, Lawson JF, **Rawlinson WD** (2003) Presence of a human homologue of mouse mammary tumour virus in human breast cancer tissue. 15<sup>th</sup> Lorne Cancer Conference, Victoria
- CF86. Ford C, Faedo M, Crouch R, **Rawlinson WD** (2003) Progression from normal breast pathology to breast cancer is associated with increasing prevalence of Mouse Mammary Tumour Virus-like sequences in men and women. Poster presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney
- CF87. Haysom L, Waliuzzaman Z, **Rawlinson WD**, Rosenberg AR, Kainer G, Mackie F (2003) BK virus (BKV) in a paediatric transplant population. The World Congress of Nephrology in Berlin

- CF88. Haysom L, Waliuzzaman Z, **Rawlinson WD**, Rosenberg AR, Kainer G, Mackie F (2003) BK virus (BKV) in a paediatric transplant population. The Transplantation Society of Australia & New Zealand Conference, Canberra
- CF89. Jacob KC, Whiley D, Syrmis M, Collignon P, Goldwater P, Lum G, McGregor A, **Rawlinson WD**, Young P, Mackay IM, Sloots TP, Nissen M. Molecular epidemiology of RSV infections in Australia. Australian Society for Microbiology Meeting, Auckland 2003.
- CF90. Jauncey M, Gilmour S, Micallef J, van Beek I, White P, **Rawlinson WD**, Kaldor J, Dore G (2003) Longitudinal study of newly acquired hepatitis C infection among injecting drug users. International Symposium on Viral Hepatitis & Liver Disease, Sydney
- CF91. Jones LA, Clancy LE, **Rawlinson WD**, White PA (2003) Generation of high affinity aptamers to hepatitis C virus polymerase and core protein by SELEX. Oral presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney
- CF92. Jones LA, Clancy LE, **Rawlinson WD**, White PA (2003) *In vitro* selection of high affinity ligands to hepatitis C virus polymerase and core protein by SELEX. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF93. Law AJ, Micallef J, Jauncey M, White P, **Rawlinson WD**, van Beek I, Kaldor JM, Dore GJ (2003) Potential biases in estimates of hepatitis C RNA clearance in the Kirketon Road Centre seroconverters cohort. ASHM Conference, Cairns
- CF94. Liuwantara D, Craig ME, Munro SC, Roberts JA, Scott GM, **Rawlinson WD** (2003) Development of a multiplex PCR assay for the diagnosis of congenital infections in amniotic fluid. Oral presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney
- CF95. Liuwantara D, Craig ME, Munro SC, Roberts JA, Scott GM, **Rawlinson WD** (2003) Transmission of viruses across the placenta occurs without clinical disease in the child. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF96. Micallef JM, Jauncey M, Amin J, **Rawlinson WD**, Robertson PW, van Beek I, Kaldor J, White PA, Dore G (2003) Hepatitis C virus reinfection within a cohort of injecting drug users. Oral presentation at the 54<sup>th</sup> Annual Meeting of the American Association for the Study of Liver Diseases. AASLD, Boston
- CF97. Micallef J, Jauncey M, Amin J, **Rawlinson WD**, Gilmour S, van Beek I, Kaldor J, White P, Dore G (2003) Hepatitis C virus reinfection within a cohort of injecting drug users. International Symposium on Viral Hepatitis & Liver Disease, Sydney
- CF98. Mousina R, Ford C, **Rawlinson WD**, Faedo M (2003) Prevalence of human homologue mouse mammary tumour virus in prostate, endometrial and ovarian tumours. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF99. Mousina R, Ford C, **Rawlinson WD**, Faedo M (2003) Prevalence of Human Homologue Mouse Mammary Tumour Virus (HHMMTV) in hormone dependent cancers. Poster presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney

- CF100. Munro SC, Trincado DE, Maine G, **Rawlinson WD** (2003) Study of congenital cytomegalovirus infection in pregnancy (SCIP). Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF101. Ng H-L, Morton CJ, Scott GM, **Rawlinson WD**, Parker MW (2003) Homology polymeras of the human cytomegalovirus DNA polymerase. A basis for rational drug design. The Lorne Proteins Conference, Victoria
- CF102. Nicolle M, Faedo M, Scott H, Williams L, Tuch BE, **Rawlinson WD** (2003) No evidence of porcine endogenous retrovirus (PERV) infection in immunosuppressed macaque moneys xenotransplanted with porcine islet-like cell clusters. Poster presentation UNSW School of Biotechnology & Biomolecular Sciences Second Annual Symposium, Bondi, Sydney
- CF103. Pan Y, White PA, Butler GT, **Rawlinson WD** (2003) Combined molecular and serological analysis of hepatitis C infection in NSW prisoners. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF104. Post J, Pan Y, Freeman A, White P, Harvey C, Micallef J, Levy M, Gray M, Wood D, Kaldor J, Palladinetti P, Dolan K, Haber P, Marinos G, Ffrench R, **Rawlinson WD**, Lloyd A (2003) The HITS cohort: acute HCV infection with viral clearance in the absence of hepatitis or seroconversion. International Symposium on Viral Hepatitis & Liver Disease, Sydney
- CF105. **Rawlinson WD** Xenotransplantation – should we go ahead? (2003) The Australasian Society for Infectious Diseases Inc. Annual Scientific Meeting, Canberra 25:14.35
- CF106. **Rawlinson WD**, Acland S (2003) SEALS Central Specimen Reception Process Improvement Project, South Eastern Area Laboratory Service, Central Specimen Reception, Randwick NSW. The Australian Council on Healthcare Standards Quality Initiatives – Clinical Care, pp66-68
- CF107. Scott GM, **Rawlinson WD** (2003) Mutations in DNA polymerase and protein kinase genes of HCMV and MCMV associated with antiviral resistance. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF108. Waliuzzaman ZM, Stern J, Scott GM, Munro S, **Rawlinson WD** (2003) Genotyping of human CMV isolates in Australia based on four glycoprotein genes. Poster presentation TOW Research Awards, Prince of Wales Hospital, Randwick, Sydney
- CF109. White PA, Pan Y, Butler T, **Rawlinson WD** (2003) Hepatitis C virus RNA assessment in antibody positive and negative prisoners. International Symposium on Viral Hepatitis & Liver Disease, Sydney 2003

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- CF110. Chow S, Craig ME, Scott GM, Liuwantara D, **Rawlinson WD** (2004) Multiplex PCR for detecting RNA viruses in amniotic fluid. Australian Society for Microbiology 2004 National Conference, Sydney
- CF111. Clancy LE, Jones LA, **Rawlinson WD**, White PA (2004) Template utilisation by the HCV genotype 3a RNA dependent RNA polymerase. Australian Centre for Hepatitis Virology & HIV Virology Interest Group, 2004 Inaugural National Scientific Workshop, Novotel Barossa Valley Resort, South Australia

- CF112. Faltas J, Ford CE, **Rawlinson WD**, de Fazio A, Faedo M (2004) Human MMTV-like virus and its association with female hormone dependent cancers. Poster at the Centenary Conference, Royal Hospital for Women, Sydney
- CF113. Iwasenko JM, Scott GM, **Rawlinson WD** (2004) Genotypic methods for the detection of human cytomegalovirus antiviral resistance. Australian Society for Microbiology 2004 National Conference, Sydney
- CF114. Jones LA, Clancy LE, **Rawlinson WD**, White PA (2004) Generation of high affinity aptamers to the hepatitis C virus polymerase by SELEX. Australian Centre for Hepatitis Virology & HIV Virology Interest Group, 2004 Inaugural National Scientific Workshop, Novotel Barossa Valley Resort, South Australia
- CF115. Liuwantara D, Craig ME, Munro SC, Roberts JA, Scott GM, **Rawlinson WD** (2004) Transmission of herpesviruses across the placenta occurs without clinical disease in the child. Perinatal Society of Australia and New Zealand 8<sup>th</sup> Annual Congress, Sydney
- CF116. Liuwantara D, Craig M, Munro S, Roberts J, Chow S, Scott G, **Rawlinson WD** (2004) Transmission of viruses across the placenta occurs without clinical disease in the child. Australian Society for Microbiology 2004 National Conference Poster presentation, Sydney
- CF117. Micallef JM, MacDonald V, Amin J, Jauncey M, **Rawlinson WD**, van Beek I, Kaldor J, White PA, Dore GJ (2004) Comparison of incidence of initial HCV infection and reinfection: no evidence for protective immunity. Australian Centre for Hepatitis Virology & HIV Virology Interest Group, Inaugural National Scientific Workshop, Novotel Barossa Valley Resort, South Australia
- CF118. Munro SC, Trincado DE, Maine G, **Rawlinson WD** (2004) Study of congenital infections in pregnancy (SCIP) and the outcome of congenital CMV infection. Perinatal Society of Australia and New Zealand 8<sup>th</sup> Annual Congress, Sydney
- CF119. **Rawlinson WD** (2004) Introduction, basic viral structure, classification, and clinical relevance. Viruses in July, Katoomba
- CF120. **Rawlinson WD** (2004) Herpes Viruses (CMV, VZV, EBV, HSV, HHV-6, HHV-8). Viruses in July, Katoomba
- CF121. Scott GM, Craig ME, Liuwantara D, **Rawlinson WD** (2004) Multiplex PCR for detecting RNA viruses in amniotic fluid. Perinatal Society of Australia & New Zealand 8<sup>th</sup> Annual Congress, Sydney
- CF122. Senanayake SN, Ferson MJ, Patel MS, Smedley EJ, Ressler K-A, Wong AWK, Bansal N, White PA, Mclver CJ, **Rawlinson WD** (2004) Abstract PP31.5. Aust Society for Microbiology Annual Scientific Meeting. September, Sydney
- CF123. Trincado D, Munro SC, **Rawlinson WD** (2004) Human cytomegalovirus infects placental trophoblasts. Perinatal Society of Australia & New Zealand 8<sup>th</sup> Annual Congress, Sydney
- CF124. Tu E, Fernando CD, Mclver CJ, White PA, **Rawlinson WD** (2004) Use of a commercial enzyme immunoassay for the detection of norovirus in stools. Abstract PO5.13. Australian Society for Microbiology Annual Scientific Meeting. September, Sydney



CF125. Waliuzzaman Z, Stern J, Scott G, **Rawlinson WD** (2004) Genotyping of human CMV isolates based on four glycoprotein genes in Australian population including transplant recipients. Abstract 76. Transplantation Society of Australia & New Zealand 22<sup>nd</sup> Annual Scientific Meeting, Canberra

CF126. Waliuzzaman ZM, Scott G, Pan Y, Stern J, Munro SC, Palasanthiran P, **Rawlinson WD** (2004) Genotyping cytomegalovirus based on four glycoprotein genes in Australian population. Poster, Centenary Conference, Royal Hospital for Women, Sydney

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CF127. Brussen KA, Craig M, Stambos V, Lawson J, Thorley B, **Rawlinson WD** (2005) Isolation of EV75, a newly described enterovirus, from a patient with acute flaccid paralysis. Communicable Diseases Control Conference, Sydney Convention Centre, Sydney

CF128. Byers D, Escott R, Roberts N, Donnelly P, **Rawlinson WD** (2005) Rubella IgG antibody testing and interpretation: RCPA Serology QAP Update. Poster, National Serology Reference Laboratory meeting, Sydney

CF129. Chow SSW, Scott GM, Catteau J, Hall B, Lahra MM, **Rawlinson WD**, Craig ME (2005) Amniotic fluid study of congenital infections. Poster Abstract P26. Perinatal Society of Australia & New Zealand 9<sup>th</sup> Annual Congress, Adelaide

CF130. Craig ME, Chow S, Ng E, Hall B, Catteau J, **Rawlinson WD** (2005) Paediatric Virology – In utero and post-natal infections and their association with childhood diseases. Symposia Session Abstract SY41.2, Annual Conference Australian Society for Microbiology, Canberra

CF131. Dore G, Hellard M, Haber P, Day C, Kaldor J for the ATAHC Protocol Steering Committee, National Centre in HIV Epidemiology and Clinical Research (2005) Australian trial in acute hepatitis C (ATAHC): Baseline characteristics and early virological response. Australian Professional Society of Alcohol and Other Drugs Conference, Melbourne

CF132. Dore G, Hellard M, Haber P, Marks P, Matthews G, Yeung B, Nguyen O, Pan Y, Ffrench R, McCaughan G, White P, **Rawlinson WD**, Lloyd A, Kaldor J for the ATAHC Protocol Steering Committee, National Centre in HIV Epidemiology and Clinical Research (2005) Australian trial in acute hepatitis C (ATAHC): Baseline characteristics and early virological response. Australian Society for HIV Medicine, Hobart

CF133. Dore GJ, Hellard M, Haber P, Marks P, Yeung B, Ynguyen O, McCaughan G, **Rawlinson WD**, Lloyd A, Kaldor J for the ATAHC Protocol Steering Committee, National Centre in HIV Epidemiology and Clinical Research (2005) Australian trial in acute hepatitis C (ATAHC): Baseline characteristics and early virological response. Australian Gastroenterology Week, Brisbane

CF134. Jacques CFH, Munro SC, Chow SSW, Ford CE, Craig M, Camaris C, Gordon A, Lahra MM, Jones C, Jeffrey HE, **Rawlinson WD** (2005) Viral infections in stillbirths, pre-term births and high risk individuals. Poster Abstract P75. Perinatal Society of Australia & New Zealand 9<sup>th</sup> Annual Congress, Adelaide

CF135. Kennedy S, Waliuzzaman Z, Ford C, **Rawlinson WD**, Pussell B (2005) Recurrent HUS following kidney transplant possibly precipitated by CMV. Abstract 67. Transplantation Society for Australia & New Zealand Annual Scientific Meeting, Canberra

- CF136. McIver CJ, Bull RA, Tu ETV, **Rawlinson WD**, White PA (2005) Detection and local epidemiology of norovirus gastroenteritis. Australian Institute of Medical Scientists, 2005 National Scientific Meeting, Sydney
- CF137. McIver CJ, Jacques CFH, Chow SSW, Munro SC, Scott GM, Roberts JA, Craig ME, **Rawlinson WD** (2005) Molecular Tools in Virology – Multiplex PCRs for the detection of common viral pathogens and agents of congenital infections. Symposia Session Abstract, Annual Conference Australian Society for Microbiology, Canberra
- CF138. **Rawlinson WD** (2005) New challenges in viral diseases. Australian Institute of Medical Scientists, National Scientific Meeting, Sydney
- CF139. **Rawlinson WD** (2005) Fenner Lecture – Virus transmission from mother to baby – infection, disease and emerging paradigms. Plenary Session Abstract PL05. Annual Conference Australian Society for Microbiology, Canberra
- CF140. **Rawlinson WD**, Jacques C, Chow S, Koelsch M, Ramachandran V, Brennan L (2005) Vertically transmitted viral infections and consequences for the fetus. Australian Institute of Medical Scientists, National Scientific Meeting, Sydney
- CF141. Iwasenko JM, Scott GM, **Rawlinson WD** (2005) Antiviral resistance studies of human cytomegalovirus in Australian immunocompromised patients. 22<sup>nd</sup> NRL Workshop on Serology, Adelaide.
- CF142. Thein HH, Butler T, Krahn M, **Rawlinson WD**, Levy M, Kaldor JM, Dore GJ (2005) Health-related quality of life in prisoners with and without chronic HCV infection in Australia. Centre for Health Research in Criminal Justice 2<sup>nd</sup> Prisoner Health Research Symposium, Sydney
- CF143. Iwasenko JM, Scott GM, **Rawlinson WD** (2005) Antiviral resistance of human cytomegalovirus in immunocompromised patients. 3<sup>rd</sup> Australian Virology Group Meeting, Phillip Island.
- CF144. Scott G, Gunawan C, Iwasenko JM, Chou S, **Rawlinson WD** (2005) Cytomegalovirus susceptibility and resistance to current and potential antiviral agents. 3<sup>rd</sup> Australian Virology Group Meeting, Phillip Island.

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- CF145. Escott R, Byers D, Roberts N, Donnelly P, **Rawlinson WD** (2006) Quality assurance as a laboratory performance assessment tool. RCPA Serology QAP Update 2006, Sydney
- CF146. Kennedy SE, **Rawlinson WD**, Ford CE, Jacques CF, Pussell BA (2006) Recurrent haemolytic-uraemic syndrome after kidney transplant may be precipitated by cytomegalovirus but can it be avoided by using Rituximab? World Transplant Congress, Boston
- CF147. McIver CJ, Bull RA, Tu ETV, Hansman GS, **Rawlinson WD**, White PW (2006) Viral gastroenteritis: Outbreaks and testing. Viruses in May, Annual Meeting – Diagnosis and Therapy of Human Viral Infection, Katoomba
- CF148. **Rawlinson WD**, Johal H, Whitaker N (2006) Mouse Mammary Tumour Virus-like viruses in human tumours. ASM Annual Scientific Meeting & Exhibition, Gold Coast
- CF149. **Rawlinson WD**, White P, Scott G (2006) Viral Genotyping – Epidemiology and new methods. ASM Annual Scientific Meeting & Exhibition, Gold Coast

- CF150. Zaunders JJ, Dyer WB, Munier ML, Ip S, Liu J, Amyes E, **Rawlinson WD**, Sullivan JS, Cooper DA, Kelleher AD (2006) Transient CCR5+ CD38+++ CD4+ effector Th1 cells in the primary response to vaccinia coincide with control of virus and immediately precede memory CD4+ T cells. 13<sup>th</sup> Conference on Retroviruses and Opportunistic Infections, Denver
- CF151. Iwasenko JM, Scott GM, Weinberg A, Chou S, **Rawlinson WD** (2006) Emergence of CMV antiviral resistant mutants and implications for appropriate management of immunocompromised patients. 31<sup>st</sup> International Herpesvirus Workshop, Seattle.

## 2007

- CF152. Baleriola C, Stelzer S, Escott P, Kirkland P, Robertson P, **Rawlinson WD** (2007) Epidemiology and diagnosis of epidemic and avian influenza in Australia. 17<sup>th</sup> European Congress of Clinical Microbiology and Infections Diseases (ECCMID) & 25<sup>th</sup> International Congress of Chemotherapy (ICC), Munich
- CF153. Byers D, Escott R, Roberts N, Donnelly P, **Rawlinson WD** (2007) RCPA Serology QAP Review of the molecular diagnostics module. Poster, Australian Society for Microbiology Conference, Adelaide
- CF154. Byers DL, Escott R, Roberts N, Donnelly P, **Rawlinson WD** (2007) Occupational Health & Safety – Case Study Review. National Reference Laboratory Workshop, Gold Coast
- CF155. Chow SSW, Jones CA, Hall B, Lloyd AR, Lui K, **Rawlinson WD** (2007) Cytokine concentration differences between cytomegalovirus-infected and normal amniotic fluids. 11<sup>th</sup> International CMV 2007 Workshop, Toulouse
- CF156. Chow SSW, Jones CA, Hall B, Lloyd AR, Lui K, **Rawlinson WD** (2007) Differences in cytokine profiles between cytomegalovirus-infected and normal amniotic fluids. Oral Abstract A134. Perinatal Society of Australia & New Zealand 2007 11<sup>th</sup> Annual Congress, Melbourne
- CF157. Dore G, Hellard M, Matthews G, Haber P, Shaw D, Yeung B, Petoumenos K, van Beek I, McCaughan G, Pan Y, Ffrench R, **Rawlinson WD**, Lloyd A, Kaldor J for the ATAHC Study Group (2007) Acute and early chronic HCV treatment responses within a predominantly injecting drug user population: Australian trial in acute hepatitis C (ATAHC). 58<sup>th</sup> Annual Meeting of the American Association for the Study of Liver Diseases Conference, Boston
- CF158. Dore G, Hellard M, Matthews G, Haber P, Shaw D, Yeung B, Petoumenos K, van Beek I, McCaughan G, Yong P, Ffrench R, **Rawlinson WD**, Lloyd A, Kaldor J for the ATAHC Study Group (2007) Treatment of recently acquired hepatitis C infection in injecting drug users: Preliminary results from Australian Trial in Acute Hepatitis C (ATAHC). 58<sup>th</sup> Annual Meeting of the American Association for the Study of Liver Diseases Conference, Boston
- CF159. Escott R, Byers D, Donnelly P, Roberts N, **Rawlinson WD** (2007) Detection of laboratory errors through quality assurance. National Reference Laboratory Workshop, Gold Coast
- CF160. Haber P, Cameron B, Elliott L, Teutsch S, Ffrench R, Dolan K, **Rawlinson WD**, Levy M, Kaldor J, Lloyd A (2007) Correlates of incident HCV infection and seronegative-immune status in high risk, IDU prisoners. 58<sup>th</sup> Annual Meeting of the American Association for the Study of Liver Diseases Conference, Boston

- CF161. Heck S, Ward M, Lui K, Wise S, Evans M, Mclver C, Tu E, White P, **Rawlinson WD** (2007) Norovirus infection and control in a newborn intensive care unit (NICU). Poster Abstract A115. Perinatal Society of Australia & New Zealand 11<sup>th</sup> Annual Congress, Melbourne
- CF162. Hoang TKL, Lawless-Pyne D, Estrade C, Sahil R, **Rawlinson WD**, Whitaker NJ (2007) Detection and typing human papillomovavirus using nested polymerase chain reaction and reverse line blot hybridization. International Multidisciplinary Conference Eurogin, Monte Carlo
- CF163. Krishnan A, Rismanto N, Mclver C, Baleriola C, Thomas PS, Glanville AR **Rawlinson WD**, Yates DH (2007) Application of multiplex PCR tests in exhaled breath condensate: A novel diagnostic test for viral infections post Lung Transplantation? Thoracic Society of Australia & New Zealand Annual Scientific Meeting, Auckland
- CF164. Oliver BG, Huynh KB, Stelzer S, **Rawlinson WD**, Tovey ER (2007) A new method for sampling and detection of exhaled respiratory virus aerosols. Asian Pacific Society of Respiriology, Gold Coast
- CF165. **Rawlinson WD**, Howard J, Brennan L, Hall B, Morris J (2007) Mechanisms of transmission of cytomegalovirus from mother to baby. Abstract A133, A69. Perinatal Society of Australia & New Zealand 11<sup>th</sup> Annual Congress, Melbourne
- CF166. **Rawlinson WD**, Howard J, Jones CA, Arbuckle S, Hall B, Leader LR, Gordon A, Jeffery H, Morris J (2007) Viral aetiology of stillbirths. 11<sup>th</sup> International CMV Workshop, Toulouse
- CF167. **Rawlinson WD**, Howard J, Jones CA, Arbuckle S, Hall B, Leader LR, Gordon A, Jeffery H, Morris J (2007) Viral aetiology of stillbirths. Poster Abstract P83, A133. Perinatal Society of Australia & New Zealand 11<sup>th</sup> Annual Congress, Melbourne
- CF168. Rechter S, Scott G, Klebl B, Eickhoff J, Aurochs S, Stamminger T, **Rawlinson WD**, Marschall M (2007) The dependence of HCMV replication to CDK activity is variable between viral strains and mutants. 11<sup>th</sup> International CMV 2007 Workshop, Toulouse
- CF169. Scott G, Jones R, Pavlovic J, McCaughan G, Angus P, Rismanto N, Iwasenko J, **Rawlinson WD** (2007) The pathogenesis and prophylaxis of cytomegalovirus (CMV) infection in liver transplantation. Oral Abstract 140. Transplantation Society of Australia & New Zealand 25<sup>th</sup> Annual Scientific Meeting, Canberra
- CF170. Scott GS, Iwasenko JM, Woon HG, Ng H-L, Morton C, Parker M, Gunawan C, **Rawlinson WD** (2007) Identification of novel antiviral targets through analysis of the CMV DNA polymerase and other proteins involved in viral DNA replication. 11<sup>th</sup> International CMV Workshop, Toulouse
- CF171. Stelzer S, Baleriola C, Escott R, Kirkland P, Robertson P, Catton M, **Rawlinson WD** (2007) Molecular Diagnosis of Avian Influenza H5N1. Australian Society for Microbiology, Adelaide
- CF172. Tu ET-V, Bull RA, Greening GE, Hewitt J, Lyon MJ, Marshall JA, Mclver CJ, **Rawlinson WD**, White PA (2007) Recombination in norovirus evolution. 3<sup>rd</sup> International Calicivirus Conference, Cancun, Mexico

- CF173. Wong B, Robertson P, Stelzer S, Baleriola C, Escott R, Kirkland P, Catton M, **Rawlinson WD** (2007) Survey of antibody to H5 haemagglutinin in patients with Influenza A infection in New South Wales 1995-2007. Australian Society for Microbiology, Adelaide
- CF174. Wong K, Stelzer S, Fennel M, Bull R, Hurt A, **Rawlinson WD** (2007) Phylogenetic studies: Influenza A H3N2 RNP complex 1999-2007. Poster, 4<sup>th</sup> Australian Viral Group Meeting, Fraser Island
- CF175. Smith C, Naing Z, Scott G, Jones R, Pavlovic J, Angus P, Iwasenko J, **Rawlinson WD** (2007). The pathogenesis and prophylaxis of cytomegalovirus (CMV) infection in liver transplantation. 4<sup>th</sup> Australian Virology Group Meeting, Fraser Island.
- CF176. Iwasenko J, Scott G, Chou S, **Rawlinson WD** (2007). Identification and implications of previously uncharacterised CMV antiviral resistance mutations. 4<sup>th</sup> Australian Virology Group Meeting, Fraser Island..

## 2008

- CF177. Chow SSW, Hall B, Jones CA, Craig ME, Catteau J, Lloyd AR, **Rawlinson WD** (2008) IP-10 and IL-1ra elevation in cytomegalovirus-infected vs normal midtrimester amniotic fluids. Cytokines, Montreal
- CF178. Craig ME, Catteau J, Sanderson K, Leung KC, Howard NJ, **Rawlinson WD** (2008) Enterovirus Infection and 25-OH Vitamin D deficiency are associated with autoimmunity in children with 'Low Risk' HLA genotypes. Abstract 1795-P, 68<sup>th</sup> Annual Scientific Sessions of the American Diabetes Assoc, San Francisco
- CF179. Flynn J, White P, Grebely J, **Rawlinson WD**, Hellard M, Kaldo J, Dore G, Lloyd AR, Ffrench RA, on behalf of the Australian Trial in Acute HCV (ATAHC) Study Group (2008) Preservation of effector T cell function in treated acute HCV subjects
- CF180. Gralton J, McLaws M-L, **Rawlinson WD** (2008) Presentation of an infection control algorithm for use in healthcare facilities, ambulatory services and other emergency services in the event of pandemic influenza BirdFlu, Oral Session. Oxford
- CF181. Gralton J, McLaws M-L, **Rawlinson WD** (2008) Poster Session Presentation of an infection control algorithm for use in healthcare facilities, ambulatory services and other emergency services in the event of pandemic influenza Faculty of Medicine Student Research Day, University of NSW, Kensington
- CF182. Gralton J, McLaws M-L, **Rawlinson WD** (2008) Presentation of an infection control algorithm for use in healthcare facilities, ambulatory services and other emergency services in the event of pandemic influenza. Poster, 3<sup>rd</sup> European Influenza Conference, Vilamoura, Portugal
- CF183. Gralton J, McLaws M-L, **Rawlinson WD** (2008) Protecting healthcare workers from pandemic influenza: P2 or surgical masks? Poster, School of Public Health & Community Medicine Student Conference, University of NSW, Kensington
- CF184. Grebely J, Hellard M, Matthews G, Haber PS, Yeung B, Marks P, Petoumenos K, van Beek I, McCaughan GW, White P, Ffrench R, **Rawlinson WD**, Lloyd A, Kaldor JM, Dore GJ (2008) Impact of adherence on response to therapy during treatment for acute and early chronic HCV infection. Oral Presentation, Australasian Professional Society on Alcohol & Other Drugs Conference, Sydney

- CF185. Grebely J, Matthews GV, White PA, Renkin M, Flynn J, Ffrench R, Kaldor J, Hellard M, Lloyd A, Dore G on behalf of the ATAHC Study Group (2008) Incidence and risk factors for HCV reinfection and superinfection in individuals treated for acute/early chronic HCV infection. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane
- CF186. Hellard M, Grebely J, Matthews G, Haber PS, Petoumenos K, Yeung B, Van Beek I, Lloyd A, Kaldor JM, Dore GJ on behalf of the ATAHC Study Group (2008) Impact of illicit drug use on response to therapy during treatment for acute and early chronic HCV infection. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane
- CF187. Hellard M, Matthews GV, Petoumenos K, Grebely J, Haber P, Van Beek I, Marks P, Lloyd A, Kaldor J, Dore GJ on behalf of the ATAHC Study Group (2008) Factors associated with uptake of treatment for acute and early chronic hepatitis C virus infection. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane
- CF188. Iwasenko, JM, Scott GM, Chou S, **Rawlinson WD** (2008) Human cytomegalovirus antiviral resistance in immunocompromised transplant recipients. XXII International Congress of The Transplantation Society, Sydney
- CF189. Johal H, Scott G, Jones R, Camaris C, Riordan S, **Rawlinson WD** (2008) Mouse Mammary Tumour Virus- Like Virus (MMTV-LV) is present in livers of a wide range of hepatic conditions. XXII International Congress of The Transplantation Society, Sydney
- CF190. Johal J, Faedo M, Lay C, Cozzi P, **Rawlinson WD** (2008) Mouse mammary tumour virus like-virus (MMTV-LV) is present in human prostate, ovarian and endometrial cancers but not lung cancer. 20<sup>th</sup> Meeting of the European Association for Cancer Research, Lyon, France
- CF191. Leung K, Sanderson KL, **Rawlinson WD**, Craig ME (2008) Diverse Effects of Coxsackie Viruses in Causing Cytolysis and Functional Impairments in Insulin-Producing Cells. Abstract 1623-P, 68<sup>th</sup> Annual Scientific Sessions of the American Diabetes Association, San Francisco
- CF192. Leung K, Sanderson KL, Scott GM, **Rawlinson WD**, Craig ME (2008) Coxsackievirus strains differ in their ability to cause lytic infection and functional impairment in insulin-producing cells. Annual Scientific Meeting of the Australian Diabetes Society, Melbourne
- CF193. Lloyd A, Cameron B, Elliott L, Galbraith S, Li H, Teutsch S, Dolan K, Levy M, Haber P, **Rawlinson WD**, Kaldor J, Ffrench R on behalf of the ATAHC Study Group (2008) Correlates of HCV seronegative-immune status in high risk IDU prison inmates. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane
- CF194. Lloyd A, Teutsch S, Scheuer N, Dolan K, McCredie L, Ffrench R, Levy M, Haber P, **Rawlinson WD**, Kaldor J on behalf of ATAHC Study Group (2008) Predictors of HCV incidence in IDU prison inmates. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane
- CF195. Maher L, Dore G, Treloar C, **Rawlinson WD**, White P, Dolan K, Zekry A, Madden A, Loveday S, Kaldor J, Lloyd A on behalf of the UNSW HCV Vaccine Initiative (2008) Preparedness for candidate hepatitis C vaccine trials in people who inject drugs: challenges and opportunities. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane

- CF196. Maher L, Dore G, Treloar C, **Rawlinson WD**, White P, Dolan K, Zekry A, Madden A, Loveday S, Kaldor J, Lloyd A on behalf of the UNSW HCV Vaccine Initiative (2008) Preparedness for candidate hepatitis C vaccine trials in people who inject drugs: challenges and opportunities. 19<sup>th</sup> International Conference on the Reduction of Drug-related Harm, Barcelona (*Oral presentation*)
- CF197. Maher L, Dore G, Lloyd A (on behalf of the UNSW HCV Vaccine Initiative – Maher L, Dore G, Treloar C, **Rawlinson WD**, White P, Dolan K, Zekry A, Madden A, Loveday S, Kaldor J, Lloyd A (2008) Issues and challenges in preparing for candidate hepatitis C virus (HCV) vaccine trials in people who inject drugs. Australian Centre for HIV & Hepatitis Virology Research (ACH2) 4<sup>th</sup> National Workshop, Barossa Valley
- CF198. Maher L, Dore G, Treloar C, **Rawlinson WD**, White P, Dolan K, Zekry A, Kaldor J, Lloyd A (on behalf of the UNSW HCV Vaccine Initiative) (2008) Hepatitis C risk and prevention research major symposium. International Harm Reduction Association Meeting in Barcelona
- CF199. Maher L, Dore G, Treloar C, **Rawlinson WD**, White P, Dolan K, Zekry A, Madden A, Loveday S, Kaldor J, Lloyd A on behalf of the UNSW HCV Vaccine Initiative (2008) Preparing for candidate HCV vaccine trials in people who inject drugs: Lessons learned from HIV. XVII International AIDS Conference, Mexico City (*Poster presentation*)
- CF200. Matthews G, Hellard M, Haber P, Yeung B, Marks P, Baker D, McCaughan G, Sasadeusz J, White P, **Rawlinson WD**, Lloyd A, Kaldor J, Dore G for the ATAHG Study Group (2008) Frequency of RVR and its utility as a predictor of treatment outcome in HIV positive and negative individuals with acute hepatitis C. Conference on Retroviruses and Opportunistic Infections, Boston
- CF201. Matthews GV, Grebely J, White PA, Renkin M, Marks P, French RA, **Rawlinson WD**, Kaldor J, Hellard M, Lloyd AR, Dore GJ (2008) Incidence and risk factors for HCV superinfection and reinfection in individuals treated for acute/early chronic HCV infection. Poster, 59<sup>th</sup> Annual Meeting of the American Association for Study of Liver Disease, San Francisco
- CF202. Matthews GV, Hellard M, Haber PS, Yeung B, Marks P, **Rawlinson WD**, Lloyd A, Kaldor JM, Dore GJ (2008) Frequency of rapid virological response and its utility as a predictor of treatment outcome in individuals treated within the Australian trial in acute Hepatitis C (ATAHC). 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane
- CF203. Ng DSY, Stelzer-Braid S, **Rawlinson WD**, Oliver B, Tovey E (2008) Respiratory viruses, including influenza, are aerosolised by breathing. 4<sup>th</sup> Australian Influenza Symposium, Canberra
- CF204. **Rawlinson WD** (2008) The Australian view on CMV Ig in pregnancy (2082 Kb). Transfusion Update, Sydney
- CF205. **Rawlinson WD** (2008) Speaker and Co-convenor. Viruses in May, Katoomba
- CF206. **Rawlinson WD** (2008) Fundamental Principles of Human Virology. Viruses in May, Katoomba

- CF207. **Rawlinson WD**, Howard J, Hall B, Chow SSW, Jones CA, Graf N, Arbuckle S (2008) Mechanisms of transmission of cytomegalovirus from mother to baby. Poster Session P-28, Congenital Cytomegalovirus Conference, Atlanta
- CF208. Rechter S, Scott G, Eickhoff J, Zielke K, Auerochs S, Mueller R, Stamminger T, **Rawlinson WD**, Marschall M (2008) Inhibition of cellular CDK or cytomegaloviral pUL97 activity alters the localization of pUL69 to nuclear speckled aggregates. Abstract 3.44, 33<sup>rd</sup> International Herpesvirus Workshop, Estoril, Portugal
- CF209. Rechter S, Scott G, Eickhoff J, Zielke K, Auerochs S, Stamminger T, **Rawlinson WD**, Marschall M (2008) The intranuclear localization of the regulator protein pUL69 of HCMV is influenced by cellular cyclin-dependent and viral protein kinase activity. Annual Meeting of the (German) Society of Virology, Heidelberg
- CF210. Scott GM, Naing Z, Pavlovic J, Angus P, Rismanto N, Jones R, **Rawlinson WD** (2008) Viral and host factors associated with CMV infection in liver transplant recipients. XXII International Congress of The Transplantation Society, Sydney
- CF211. Stelzer-Braid S, Bull R, Chaverot S, Jacka B, Baleriola C, White PA, **Rawlinson WD** (2008) Mutations across the entire viral genome predicting response to treatment with Interferon and Ribavirin in patients with Hepatitis C. NIDA International Forum
- CF212. White PA, Renkin M, Matthews G, Grebely J, Marks P, Hellard M, Lloyd A, **Rawlinson WD**, Kaldor J, Dore GJ (2008) Hepatitis C virus reinfection in the Australian trial in acute hepatitis C (ATAHC), Australian Centre for HIV and Hepatitis Virology Research (ACH2) Annual Workshop (*Oral Presentation*)
- CF213. White PA, Grebely J, Flynn J, Matthews GV, Renkin M, Yeung B, **Rawlinson WD**, Kaldor J, Hellard M, Lloyd AR, Ffrench RA, Dore GJ (2008) Natural history of HCV superinfection and reinfection. Poster, 59<sup>th</sup> Annual Meeting of the American Association for Study of Liver Disease, San Francisco
- CF214. White PA, Grebely J, Matthews GV, Flynn J, Renkin M, Kaldor J, Lloyd A, Hellard M, Ffrench R, Dore G on behalf of ATAHC Study Group (2008) Natural history of HCV reinfection and superinfection. 6<sup>th</sup> National Australasian Viral Hepatitis Conference, Brisbane (*Oral presentation*)
- CF215. White PA, Grebely J, Matthews GV, Renkin M, Hellard M, Lloyd A, **Rawlinson WD**, Dore GJ, UNSW HCV Vaccine Initiative Report (2008) Reinfection and Superinfection of Hepatitis C virus. 15th International Symposium on Hepatitis C Virus and Related Viruses, San Antonio, Texas (*Poster presentation*)
- CF216. Wong KKY, Stelzer-Braid S, Rockman S, **Rawlinson WD** (2008) The fidelity of the PB1 subunit of influenza A virus and its relation to evolution. 4<sup>th</sup> Australian Influenza Symposium, John Curtin School for Medical Research, Canberra

## 2009

- CF217. Adamson S, Armstrong P, **Rawlinson WD** (2009) The role of diagnostic serology in an influenza pandemic. CDCC



- CF218. Baleriola C, **Rawlinson WD**, Chaverot S, Stelzer-Braid S, Yoshihara M, Rizkalla B, Dubois D, Sievert W, McCaughan G, Crawford D, Weltman M, Cheng W, Dore GJ, Roberts S (2009) Impact of low-level Hepatitis C viraemia at week 24 on HCV treatment response in genotype 1 patients. EASL conference, Copenhagen
- CF219. Cheng WSC, Roberts S, Weltman M, Crawford DHG, Sievert W, McCaughan G, **Rawlinson WD**, Desmond P, Yoshihara M, Rizkalla B, DePamphilis J, Marks P, Dore GJ, on behalf of the CHARIOT Study Group (2009) Efficacy and safety of peginterferon alfa-2a 360 µG/week in combination with ribavirin in hepatitis c genotype 1 patients with cirrhosis: analysis from the CHARIOT study. EASL conference. Copenhagen
- CF220. Dore GJ, Hellard M, Matthews G, Grebely J, Haber PS, Petoumenos K, Yeung B, Marks P, van Beek I, McCaughan G, White P, Ffrench R, **Rawlinson WD**, Lloyd AR, Kaldor JM for the ATAHC Study Group (2009) Treatment of recent hepatitis C virus infection in a predominantly injection drug user cohort: the ATAHC Study. 1<sup>st</sup> International Symposium on Hepatitis Care for Substance Users, Zurich
- CF221. Eden J, Bull RA, Tu ETV, Lim HF, Mclver CJ, Lyon MJ, Marshall JA, Smith DW, Musto J, **Rawlinson WD**, White PA. (2009). Norovirus GII.4 variant, 2006B, continues to cause gastroenteritis epidemics across Australia in 2007 and 2008. 5<sup>th</sup> Australian Virology Group Meeting, Lorne. 13-17 Dec. S4.2
- CF222. Foo H, Blyth CC, van Hal S, McPhie K, Ratnamohan M, Fennell M, Ba Alawi F, **Rawlinson WD**, Adamson S, Armstrong P, Dwyer DE (2009) Performance of case definitions and laboratory tests in young adults during influenza outbreaks in World Youth Day 2008. 49<sup>th</sup> annual ICAAC, San Francisco
- CF223. Grebely J, Matthews GV, Petoumenos K, Pham ST, Marks P, **Rawlinson WD**, Haber P, Kaldor JM, Lloyd A, Hellard M, Ffrench R, White PA, Dore GJ, on behalf of the ATAHC Study Group (2009) Hepatitis C virus (HCV) superinfection and reinfection among treated and untreated participants with recently acquired HCV infection. 16<sup>th</sup> International Symposium on Hepatitis C Virus & Related Viruses. Nice, France.
- CF224. Grebely J, Matthews GV, Petoumenos K, Pham ST, Marks P, **Rawlinson W**, Haber P, Kaldor JM, Lloyd A, Hellard M, Ffrench R, White PA, Dore GJ on behalf of the ATAHC Study Group (2009) Hepatitis C virus superinfection and reinfection in injection drug users. 1<sup>st</sup> International Symposium on Hepatitis Care for Substance Users, Zurich.
- CF225. Grebely J, Petoumenos K, Hellard M, Matthews GV, Marks P, Haber P, **Rawlinson WD**, Lloyd A, White PA, Kaldor JM, Dore GJ, on behalf of ATAHC Study Group (2009) Virological patterns and predictors of spontaneous viral clearance during recent hepatitis C virus infection. 16<sup>th</sup> International Symposium on Hepatitis C Virus and Related Viruses. Nice, France.
- CF226. Hamilton ST, Howard J, Scott GM, Hall B, Chow SSW, Glover HRA, Craig ME, **Rawlinson WD** (2009). The role of human cytomegalovirus in stillbirth. 5<sup>th</sup> Australian Virology Group Meeting, Lorne. 13-17 Dec. P2.16.
- CF227. Howard J, Hall B, Chow SS, Hamilton S, Steller A, Graf N, Arbuckle S, Craig ME, **Rawlinson WD** (2009) Herpesvirus 5: The association with stillbirth. 34th International Herpesvirus Workshop, 25-31 July, Ithaca, NY.

- CF228. Lusk MJ, Mclver CJ, Rismanto N, Naing ZW, Rayner B, McGeechan K, **Rawlinson WD**, Konecny P (2009) *Mycoplasma genitalium* is associated with cervicitis in a metropolitan Sydney Sexual Health Clinic Population. Australasian Sexual Health Conference. Sydney
- CF229. Lusk MJ, Naing Z, Rismanto N, Rayner B, McGeechan K, Mclver CJ, **Rawlinson WD**, Konecny P (2009) *Trichomonas vaginalis*: under-diagnosis in urban Australia could facilitate re-emergence. Australasian Sexual Health Conference. Sydney.
- CF230. Marcellin P, Jensen DM, Roberts SK, Hadziyannis SJ, Dore GJ, Diago M, Weltman M, McCaughan GW, Cheng W, Crawford DH, Sievert W, **Rawlinson WD**, Solsky J, Tietz A, Rizzetto M (2009) Peginterferon alpha-2a (40kD) has a wide safety margin in combination with ribavirin 1000/1200 mg/day in patients infected with HCV genotype 1: pooled analysis of data from four randomized multicenter studies. AASLD, Boston (*Poster*)
- CF231. Matthews GV, Grebely J, Pham ST, Hellard M, Marks P, **Rawlinson WD**, Kaldor JM, Lloyd A, White PA, Doer GJ (2009) Epidemiology of recently acquired hepatitis C virus (HCV) infection in HCV and HCV/HIV infected participants in the ATAHC study. AASLD, Boston.
- CF232. McCaughan GW, Roberts SK, Weltman M, Crawford DHG, Sievert W, Cheng WSC, **Rawlinson WD**, Yoshihara M, McCloud PI, Rizkalla B, Dore GJ (2009) Advanced fibrosis in genotype 1 HCV infected patients receiving antiviral therapy is associated with virologic relapse independent of rapid (RVR) and early (EVR) virologic response. AASLD, Boston.
- CF233. Pham ST, Grebely J, Renkin M, Hellard M, Oon A, Bull RA, Llyod A, Ffrench A, Matthews GV, **Rawlinson WD**, Dore GJ, White PA on behalf of the ATAHC Study Group (2009) Hepatitis C virus superinfections and mixed infection in a community setting. Australian Centre for HIV and Hepatitis Virology Research (ACH2) Annual Workshop (*Oral Presentation*)
- CF234. **Rawlinson WD** (2009) S4C – Influenza Update – including the new generation vaccines. GPCE Primary Care. Sydney.
- CF235. **Rawlinson WD**, Iwasenko J, Naing Z, Scott G (2009) Novel approaches to diagnosis and therapy – not CMV again! Cytomegalovirus, antiviral resistance and new therapy. Australian Society for Infectious Diseases. Hunter Valley
- CF236. **Rawlinson WD** (2009) Viral infections of the CNS – diagnosis, new developments and the role of herpesviruses. Frontiers in Biomedical Research. Hong Kong University
- CF237. Rechter S, Scott GM, Eickhoff J, Zielke K, Auerochs S, Müller R, Stamminger T, **Rawlinson WD**, Marschall M (2009) Interregulation between CDKs and cytomegalovirus regulatory protein pUL69: intranuclear localization, phosphorylation and pUL69 functionality. 34th International Herpesvirus Workshop, July 25-31, Ithaca, NY.
- CF238. Roberts S, Weltman M, Crawford D, Cheng W, Sievert W, McCaughan S, Desmond P, **Rawlinson WD**, Marks P, Yoshihara M, Rizkalla B, DePamphilis J, Dore GJ for the CHARLOT Study Group (2009) High-dose pegiNterferon alfa-2a (40KD) induction therapy and standard ribavirin enhances early but not sustained virological responses in HCV genotype 1 patients: final CHARLOT study results. EASL conference, Copenhagen.

- CF239. Roberts S, Weltman M, Crawford D, Cheng W, Sievert W, McCaughan G, Desmond P, **Rawlinson WD**, Marks P, Yoshihara M, Rizkalla B, DePamphilis J, Dore GJ (2009) High dose peginterferon alfa-2a induction therapy (12 weeks, 360 µg/wk) with standard ribavirin does not enhance sustained virological response in HCV genotype 1 treatment naïve patients: final results of the CHARIOT study. EASL conference, Copenhagen.
- CF240. Scott GM, Wang, S, Chow S, Howard J, Hall B, Craig ME, Wallin CS, Brennan L, **Rawlinson WD** (2009) Changes in the expression of tumour suppressor proteins and immune regulatory cytokines induced by human cytomegalovirus. 12th International CMV/ Betaherpesvirus Workshop, Boston, USA, May 10-14
- CF241. Scott GM, Wang S, Glover H, Howard J, Hall B, Leung C, Craig ME, Jones CA, **Rawlinson, WD** (2009) Changes in expression of tumour suppressor proteins and regulatory T cell distribution induced by human cytomegalovirus infection of the placenta. 5<sup>th</sup> Australian Virology Group Meeting, Lorne. 13-17 Dec. S9.3
- CF242. Sievert W, Dore GJ, McCaughan GW, Yoshihara M, Crawford DH, Cheng W, Weltman M, **Rawlinson WD**, Rizkalla B, McCloud PI, Roberts SK (2009) Significant hemoglobin (Hb) decline during pegylated interferon and ribavirin therapy in HCV genotype 1 is associated with sustained virologic response (SVR): an analysis from the CHARIOT study. AASLD, Boston
- CF243. Tovey ER, Ng DSY, Stelzer-Braid S, **Rawlinson WD**, Oliver BG (2009) Respiratory viruses are aerosolised by breathing. TSANZ Annual Scientific Meeting, Darwin.
- CF244. Weltman M, Dore GJ, Crawford D, Cheng W, Sievert W, McCaughan G, Desmond P, **Rawlinson WD**, Marks P, Yoshihara M, Rizkalla B, DePamphilis J, Roberts S, for the CHARIOT Study Group (2009) Predictors of sustained viral response to peginterferon alfa-2a (40kd) induction therapy and standard ribavirin in HCV genotype 1 treatment-naïve patients: the CHARIOT study. EASL conference, Copenhagen.
- CF245. Weltman M, Dore GJ, Sievert W, McCaughan GW, Crawford DH, Cheng W, **Rawlinson WD**, Yoshihara M, McCloud PI, Rizkalla B, Roberts SK (2009) Baseline and ontreatment predictors of SVR to peginterferon alfa-2a therapy and ribavirin in HCV genotype (GT) 1 treatment naïve patients: new insights from the CHARIOT study. AASLD, Boston
- CF246. White PA, Pham ST, Grebely J, Hellard M, Bull R, Lloyd AR, **Rawlinson WD**, Mathews GV, Ffrench RA, Dore GJ on behalf of the ATAC Study Group (2009) Hepatitis C virus superinfection and mixed infection in a community setting. 16<sup>th</sup> International Symposium on Hepatitis C Virus and Related Viruses. Nice, France (*Poster presentation*)

## 2010

- CF247. Al-Shabeeb A, Talati R, Catteau J, Sanderson K, Naing Z, **Rawlinson WD**, Howard N J, Craig M E. (2010) Enterovirus infections are common in children at risk of Type 1 Diabetes and associated with transient and persistent autoimmunity. Australian Society for Microbiology Annual Scientific Meeting, Sydney.
- CF248. Baleriola C, Gillis J, Tu E, Johal H, **Rawlinson WD** (2010) Reducing risk of blood-borne viral infections from organ donors through screening and surveillance. TSANZ, Canberra
- CF249. Bull R, **Rawlinson WD**, White P (2010) Rapid evolution of pandemic noroviruses. Australian Society for Microbiology Annual Scientific Meeting, Sydney.
- CF250. Gralton J, Tovey E, McLaws M-L, **Rawlinson WD**. Coughing and Breathing Produces Airborne Particles Containing Viral RNA. 6th Australian Influenza Symposium, Canberra, Australia. 6-7 Oct, 2010 (Talk)

- CF251. Gralton J, Tovey E, McLaws M-L, **Rawlinson WD**. Coughing and Breathing Produces Airborne Particles Containing Viral RNA. School of Public Health and Community Medicine Student Conference, UNSW, Australia. 22 Oct, 2010 (Talk)
- CF252. Gralton J, Tovey E, McLaws M-L, **Rawlinson WD**. Respiratory Viruses Are Transmitted By Both Droplet and Airborne Carriage. TOW Research Day, Prince of Wales Hospital, Australia. 5 Nov, 2010 (Poster)
- CF253. Gralton J, Tovey E, McLaws M-L, **Rawlinson WD**. Respiratory Viruses Are Transmitted By Both Droplet and Airborne Carriage. 12th Western Pacific Congress on Chemotherapy and Infectious Diseases, Singapore. 2-5 Dec, 2010 (Poster)
- CF254. Grebely J, Petoumenos K, Hellard M, Matthews GV, Suppiah V, Applegate T, Yeung B, Marks P, **Rawlinson WD**, Lloyd AR, Booth D, Kaldor JM, George J, and Dore GJ for the ATAHC Study Group. (2010) 17<sup>th</sup> international Meeting on Hepatitis C Virus and related research. Yokohama, Japan
- CF255. Grebely J, Petoumenos K, Hellard M, Matthews GV, Suppiah V, Applegate T, Yeung B, Marks P, **Rawlinson WD**, Lloyd AR, Booth D, Kaldor JM, George J and Dore GJ (2010) Potential role for IL28B genotype in treatment decision making in recent Hepatitis C virus infection. 7th Australasian Viral Hepatitis Conference, Melbourne
- CF256. Grebely J, Petoumenos K, Hellard M, Matthews G, Suppiah V, Applegate T, Yeung B, Marks P, **Rawlinson WD**, Lloyd AR, Booth D, Kaldor JM, George J, Dore GJ on behalf of the ATAHC Study Group (2010) An IL28 region polymorphism is associated with spontaneous clearance and jaundice, but not treatment response in recent Hepatitis C infection. Canadian Association for the Study of Liver Winter Meeting, Vancouver
- CF257. Grey J, **Rawlinson WD** (2010) A necessary evil! Proficiency testing for security sensitive biological agents. AACB AIMS Conference, Perth
- CF258. Hamilton S, Scott G, Chow S, Arbuckle S, Graf N, Hall B, Craig M.E, **Rawlinson WD** (2010) The role of human cytomegalovirus in stillbirth and other adverse outcomes of pregnancy. International Stillbirth Alliance (ISA) and International Society for Study and Prevention of Perinatal and Infant Death (ISPID) Joint Conference, Sydney. 9-11 Oct 2010
- CF259. Iwasenko JM, Howard J, Arbuckle S, Graf N, Hall B, Craig M, **Rawlinson WD** (2010) CMV infection is frequently detected in stillbirths, in association with fetal thrombotic vasculopathy. 3<sup>rd</sup> Congenital Cytomegalovirus Conference, Paris. 23-25 Sept, 2010
- CF260. Iwasenko JM, Howard J, Arbuckle S, Graf N, Hall B, Craig M, **Rawlinson WD** (2010) CMV infection is frequently detected in stillbirths, in association with growth restriction and vascular abnormalities. International Stillbirth Alliance (ISA) and International Society for Study and Prevention of Perinatal and Infant Death (ISPID) Joint Conference, Sydney. 9-11 Oct 2010
- CF261. Johal H, Baleriola C, Robertson PW, Jacka B, Whybin R, Taylor P, **Rawlinson WD** (2010) Validation of Serological Infectious disease screening in blood specimens collected Post-Mortem. National Serology Reference Laboratory Workshop, Melbourne.
- CF262. Marcellin P, Jensen DM, Roberts SK, Hadziyannis SJ, Dore GJ, Diago M, Weltman M, McCaughan GW, Cheng W, Crawford DH, Sievert W, **Rawlinson WD**, Solsky J, Manigold T, Tietz A, Rizzetto M (2010) Peginterferon alfa-2a (40KD) (PEGASYS®) plus ribavirin (COPEGUS®) has a wide safety margin in patients infected with HCV genotype 1. Asia Pacific Association for the Study of the Liver (APASL), Beijing (*Poster*)

- CF263. Matthews GV, Grebely J, Hellard M, Haber PS, Petoumenos K, Yeung B, Marks P, White P, Ffrench R, **Rawlinson WD**, Lloyd AR, Kaldor JM, Dore GJ for the ATAHC Study Group. Week 4 HCV RNA assessment is the optimal predictor of SVR in both HIV positive and negative subjects treated within the Australian Trial in Acute HCV (ATAHC). EASL Conference, Istanbul (*Poster*)
- CF264. Matthews GV, Grebely J, Hellard M, Haber PS, Petoumenos K, Yeung B, Marks P, White P, Ffrench R, **Rawlinson WD**, Lloyd AR, Kaldor JM, Dore GJ for the ATAHC Study Group (2010) Differences in early virological decline in individuals treated within the Australian Trial in Acute HCV suggest a potential benefit for the use of ribavirin. EASL Conference, Istanbul (*Oral Presentation*)
- CF265. Nair S, Leung K, Naing Z, Al-Shabeeb A, **Rawlinson WD**, Craig ME (2010) Enterovirus infection induces cytokine and chemokine expression in insulin producing cells. Australian Society for Microbiology Annual Scientific Meeting, Sydney
- CF266. Pham ST, Bull RA, Bennett JM, **Rawlinson WD**, Dore GJ, Lloyd A, White PA on behalf of the HITS investigators and the UNSW Hepatitis C Vaccine Initiative (2010) Infection with multiple HCV in a prison cohort of seronegative injecting drug users. The 7<sup>th</sup> International Meeting on HCV and Related Viruses. Yokohama, Japan (*Oral Presentation*)
- CF267. Pham ST, Bull RA, Bennett JM, Keoshkerian E, Cameron B, **Rawlinson WD**, Dore GJ, Lucas M, Lloyd AR, White PA (2010) National history of multiple HCV infections among injecting drug users. The 7<sup>th</sup> International Meeting on HCV and Related Viruses. Yokohama, Japan (*Oral Presentation*)
- CF268. Pham ST, Bull RA, Bennett JM, **Rawlinson WD**, Dore GJ, Lloyd A, White PA on behalf of the HITS investigators and the UNSW Hepatitis C Vaccine Initiative (2010) Frequent multiple Hepatitis C virus (HCV) infections among injecting drug users in a prison setting. Australian Centre for HIV and Hepatitis Virology Research (ACH2) Annual Workshop (*Oral Presentation*)
- CF269. Pham ST, Bull RA, Bennett JM, **Rawlinson WD**, Dore GJ, Lloyd A, White PA on behalf of the HITS investigators and the UNSW Hepatitis C Vaccine Initiative (2010) Multiple Hepatitis C virus (HCV) infections in the setting of a prison cohort. The 3<sup>rd</sup> International Conference on the Development of Biomedical Engineering, Vietnam (*Oral Presentation*)
- CF270. **Rawlinson WD** (2010) Congenital Cytomegalovirus (CMV) infection: the major cause of congenital malformation in Australia. Australian Society for Microbiology Annual Scientific Meeting, Sydney.
- CF271. **Rawlinson WD**, Chow S, Craig M, Hall B, Jones C, Lloyd A, Hamilton S, Scott G (2010) Effects of CMV infection on cytokines in amniotic fluid and tissue of living and stillborn babies, and the implications for pathogenesis of fetal damage. 3<sup>rd</sup> Congenital Cytomegalovirus Conference, Paris. 23-25 Sept, 2010
- CF272. Roberts S, Ferenci P, Yoshihara M, Crawford D, Sievert W, McCaughan G, Cheng W, Weltman M, **Rawlinson WD**, McCloud P, Rizkalla B, Dore G for the CHARIOT study (2010) Non-SVR to peginterferon alfa-2a therapy and Ribavirin is strongly predicted by baseline factors and week 8 on-treatment viral load in HCV genotype (Gt) 1 Patients: New Insights From Cart Analysis Of The Chariot Study. AASLD Boston, USA
- CF273. Robertson P, Barr I, Fennell M, Iwasenko J, Shi J, Taylor P, **Rawlinson WD** (2010) Serological testing allows diagnosis of pandemic (swine) H1N1 2009 influenza in patients who are negative on nucleic acid testing. Australian Society for Microbiology Annual Scientific Meeting, Sydney.

- CF274. Robertson P, Barr I, Fennell M, Iwasenko J, Shi J, Taylor P, **Rawlinson WD** (2010) Serological testing allows diagnosis of pandemic (swine) H1N1 2009 influenza (pdm) in hospitalised patients who are negative on nucleic acid testing. National Serology Reference Laboratory Workshop, Melbourne.
- CF275. Robertson P, Barr I, Fennell M, Iwasenko J, Shi J, Taylor P, **Rawlinson WD** (2010) Serological testing allows diagnosis of Pandemic (Swine) H1N1 2009 influenza (pdm) in hospitalised patients who are negative on nucleic acid testing. National Serology Reference Laboratory Workshop, Melbourne.
- CF276. Robertson PW, Ba-Alawi F, Whybin R, **Rawlinson WD** (2010) Evaluation of the Elecsys CMV IgG & IgM assays. Roche Infectious Diseases Satellite Meeting, Melbourne.
- CF277. Scott GM, Naing Z, Pavlovic J, Waliuzzaman ZM, Iwasenko JM, Rismanto N, Angus P, Jones R, **Rawlinson WD** (2010). CMV infection and antiviral resistance in a liver transplant cohort followed longitudinally. The Transplant Society XIII International Congress, Vancouver. 15-18 Aug, 2010
- CF278. Scott GM, Iwasenko JM, Wang S, Glover H, Hall B, Leung CMR, Craig ME, Jones CA, **Rawlinson WD** (2010) Changes in expression of tumour suppressor proteins induced by human cytomegalovirus infection of the placenta and placental cell lines. 3<sup>rd</sup> International congenital cytomegalovirus conference, Paris. 23-25 Sept, 2010
- CF279. Stelzer-Braid S, Iwasenko J, **Rawlinson WD** (2010) Pandemics of Influenza: past and future. Australian Society for Microbiology Annual Scientific Meeting, Sydney.
- CF280. Salehi AM, Grebely J, Matthews G, Petoumenos K, Haber P, Yeung B, Lloyd A, Hellard M, van Beek I, Maher L, Kaldor J, Dore GJ on behalf of the ATAHC Study Group. New onset major depression during pegylated interferon alfa-2a treatment for recent HCV infection is associated with recent injecting drug use and heavy alcohol intake. Australasian Viral Hepatitis Conference, Melbourne
- CF281. Salehi AM, Grebely J, Matthews G, Petoumenos K, Haber P, Yeung B, Lloyd A, Hellard M, van Beek I, Maher L, Kaldor J, Dore GJ on behalf of the ATAHC Study Group. Mortality among participants with recent hepatitis C virus infection in Australia: the Australian Trial in Acute Hepatitis C (ATAHC). Australasian Viral Hepatitis Conference, Melbourne
- CF282. Tu E, Johal H, Baleriola C, Gillis J, **Rawlinson WD** (2010) Organ and tissue donor infection of recipients- use of molecular tests to reduce BBV risk. TSANZ, Canberra
- CF283. Twin J, Moore EE, Garland SM, Stevens MP, Fairley CK, Donovan B, **Rawlinson WD**, Tabrizi SN (2010) Chlamydia trachomatis genotypes based on clinical samples collected from men who have sex with men in Melbourne and Sydney. Australasian Sexual Health Conference, Darling Harbour, Sydney. 18-20 Oct, 2010 (Talk)
- CF284. White P, Pham ST, Bull RA, **Rawlinson WD**, Dore, GJ, Lloyd, A. Multiple HCV Infections among Injecting Drug Users in a Prison Setting. ASM Regional Meeting, Katoomba

## 2011

- CF285. Alavi M, Grebely J, Matthews G, Petoumenos K, Yeung B, Lloyd A, Hellard M, van Beek I, Maher L, Kaldor J, Haber P and Dore GJ on behalf of the ATAHC Study Group (incl. **Rawlinson WD**) (2011) Impact of pegylated interferon alfa-2a treatment on depression during recent HCV infection: the Australian Trial in Acute Hepatitis C (ATAHC). 2nd International Symposium on Hepatitis Care in Substance Users, 2011. Brussels, Belgium (Poster)

- CF286. Ali RJ, Roberts SK, Ray J, Sievert W, McCaughan G, Weltman M, Crawford D, Cheng W, **Rawlinson WD**, Thommes J, Rizkalla B, Yoshihara M, Dore GJ, Matthews GV on behalf of the CHARIOT Study Group (2011) Early on-treatment plasma ribavirin concentrations are associated with on-treatment anaemia and treatment outcome in chronic Hepatitis C genotype 1 patients. The International Liver Congress 2011/The 46<sup>th</sup> annual meeting of the European Association for the Study of the Liver (EASL), Berlin, Germany
- CF287. Al-Shabeeb A, **Rawlinson WD**, Craig ME (2011) Cytokines and chemokines induce  $\beta$ -cell destruction following enterovirus infection. 37th Annual Meeting of the International Society for Pediatric and Adolescent Diabetes (ISPAD), Miami Beach, Florida, USA. 19-22 October, 2011 (Talk)
- CF288. Baleriola C, **Rawlinson WD** (2011) Preventing donor derived infections through virology screening: Reducing risk and increasing organ availability. The European Society for Organ Transplantation Congress, 4 – 7 September, Glasgow
- CF289. Cao JZ, Gottlieb D, **Rawlinson WD**, Scott G, Abendroth A, Slobedman B (2011) Understanding natural latency: Large-scale profiling of human cytomegalovirus gene expression associated with latency and reactivation in the clinical setting. Australian Virology Society Meeting, Kingscliff, NSW
- CF290. Grebely J, Matthews GV, Hellard M, Suppiah V, Petoumenos K, Applegate T, Yeung B, **Rawlinson WD**, Feld J, Lloyd AR, Booth D, Kaldor JM, George J, Dore GJ on behalf of the ATAHC Study Group (2011) IP-10 is associated with early viral kinetics, but not sustained virological response during treatment for recent Hepatitis C virus infection. The International Liver Congress 2011/The 46<sup>th</sup> annual meeting of the European Association for the Study of the Liver (EASL), Berlin, Germany
- CF291. Gordon A, Raynes-Greenow CH, Bond D, Jones R, **Rawlinson WD**, Morris JM, Jeffery HE (2011) Risk factors for late pregnancy stillbirth: The Sydney Stillbirth Study. PZANZ Meeting 2011, Hobart
- CF292. Hamilton ST, Naing Z, Iwasenko J, Hall B, Graf N, Arbuckle S, Craig ME, Scott G, **Rawlinson WD** (2011) Human Cytomegalovirus Infection of the Placenta and the Implications for Pregnancy Outcome. Prince of Wales Hospital TOW Research Day (talk)
- CF293. Hamilton ST, Naing Z, Iwasenko J, Hall B, Graf N, Arbuckle S, Craig ME, Scott G, **Rawlinson WD** (2011) Human Cytomegalovirus Infection of the Placenta and the Implications for Pregnancy Outcome. Australian Virology Society Meeting 2011, Kingscliff, NSW (poster)
- CF294. Muscatello D, Amin J, MacIntyre CR, Thackway S, **Rawlinson WD**, Gilmour R (2011) Windows on influenza – laboratory-confirmed influenza infections seen through administrative databases. 7<sup>th</sup> Australian Influenza Symposium, WHO Collaborating Centre for Reference and Research on Influenza (workshop presentation)
- CF295. Naing Z, Rayner B, Killikulangara A, Vunnam K, Leach S, McIver CJ, Scott G, Craig ME, Lui K, **Rawlinson WD** (2011) Epidemiology of Viral Infections in a Neonatal Intensive Care Unit: Higher than expected. PZANZ Meeting 2011, Hobart
- CF296. Namasivayam M, Zaunders J, Ip S, Scott G, Shaw P, Trahair T, O'Brien T, **Rawlinson WD**, Walls T, Kelleher A, Ziegler J (2011) Performance of Quantiferon-CMV and whole-blood CD4+ CD25+ CD134+ assays in identification of human cytomegalovirus-specific T-cells in children post-haematopoietic stem cell transplantation. Australasian Society of Clinical Immunology and Allergy Annual Scientific Meeting 2011, Sydney (Poster)
- CF297. Akil A, Rawlinson WD (2014) Differentially expressed circulating and cell associated

microRNAs in the investigation of the role of viral infection in Type 1 Diabetes. Qatar Foundation Annual Research Conference 2014 (Poster)

- CF298. Stelzer-Braid S, Alsubie H, Neilsen A, Johal H, Steller A, Tovey ER, McKay K, Van Asperen P, **Rawlinson WD** (2011) Detection of viral and bacterial respiratory pathogens in children with cystic fibrosis. TZANZ Meeting 2011, Perth

## 2012

- CF299. White B, Dore GJ, Bates A, Enriquez J, Chow S, Park J, Lloyd A, **Rawlinson WD**, Maher L (2012) High but declining HCV incidence in people who inject drugs in Sydney
- CF300. **Rawlinson WD** (2012) Post transplant infection. East Coast Renal Services - Transplant Workshop, November 2012 (workshop presentation)

## 2013

- CF301. Graf L, Webel R, Hamilton S, **Rawlinson WD**, Sticht H, Marschall M (2013) Direct interaction between cyclin T1 and the cyclin-dependent kinase ortholog pUL97 of human cytomegalovirus. Eurovirology Congress September 2013, Lyon, France.
- CF302. Doyle J, Grebely J, Spelman T, Alavi M, Matthews GV, Thompson AJ, Dore GJ, Hellard ME on behalf of the ATAHC Study Group.(2013) Health-related quality of life during treatment of recent Hepatitis C infection.
- CF303. Kok CC, Baleriola C, Ray S, Robertson P, **Rawlinson WD** (2013) SEALS NAT Laboratory Prince of Wales Hospital Sydney. Organ donor screening by serology and NAT allows immediate diagnosis of blood-borne viruses and safer use of organs from increased risk donors.
- CF304. Marschall M, Graf L, Naing Z, Wagner S, Webel R, Hutterer C, Scott GM, **Rawlinson WD**, Stamminger T, Thomas M, Feichtinger S (2013) Protein kinases determine intracellular localization and transport activity of the human cytomegalovirus regulatory protein pUL69. Eurovirology Congress September 2013, Lyon, France.
- CF305. Muscatello DJ, Amin J, MacIntyre CR, Newall A, **Rawlinson WD**, Sintchenko V, Gilmour R, Thackway S (2013) Under-ascertainment of illness due to influenza in administrative databases, a population-based record linkage study. International Society for Disease Surveillance Conference December 2013 New Orleans. (Oral presentation)
- CF306. Namasivayam M, Zaunders J, Ip S, Scott G, Shaw P, Trahair T, O'Brien T, **Rawlinson WD**, Walls T, Kelleher A, Ziegler J (2013) Performance of quantiferon-CMV and whole-blood CD4(+)CD25(+)CD134(+) assays in identification of human cytomegalovirus-specific T-Cells in children post-haematopoietic stem cell transplantation.
- CF307. Namasivayam M, Zaunders J, Ip S, Scott G, Shaw P, Trahair T, O'Brien T, **Rawlinson WD**, Walls T, Kelleher A, Ziegler J (2013) Quantification of human cytomegalovirus-specific T-cell responses in paediatric patients following haematopoietic stem cell transplantation. ASCIA Annual Scientific Meeting and Immunopathology Update, Perth, Sept 2013.
- CF308. Namasivayam M, Zaunders J, Ip S, Scott G, Shaw P, Trahair T, O'Brien T, **Rawlinson WD**, Walls T, Kelleher A, Ziegler J (2013) Quantification of human cytomegalovirus-specific T-cell responses in paediatric patients following haematopoietic stem cell transplantation. ASCIA Annual Scientific Meeting and Immunopathology Update, Perth, Sept 2013.(Poster)
- CF309. Poon M, Akil AS, **Rawlinson WD**, Craig ME, Donaghue KC (2013) Type 1 Diabetes in children is not associated with increased enterovirus detection in recent years. Australian



Paediatric Endocrine Group ASM Sydney July 2013.

- CF310. **Rawlinson WD** (2013) Anticipating the next SARS epidemic. 4<sup>th</sup> Biennial Update in Paediatric Respiratory Medicine. June 2013. Randwick, NSW, Australia.
- CF311. **Rawlinson WD** (2013) Antenatal screening for CMV, parvovirus and toxoplasmosis – a dangerous game? RANZCOG 2013 Annual Scientific Meeting, Sydney September 2013.
- CF312. **Rawlinson WD** (2013) Organ donor screening by serology and NAT allows immediate diagnosis of blood-borne viruses and safer use of organs from increased risk donors. 12<sup>th</sup> Congress of the International Society for Organ Donation and Procurement Sydney November 2013 (*Oral Presentation*)
- CF313. **Rawlinson WD** (2013) Under-ascertainment of illness due to influenza in administrative databases, a population- based record linkage study. International Society for Disease Surveillance (ISDS) Conference New Orleans, Louisiana December 2013.(*Oral Presentation*)
- CF314. Siah S, Merif J, Kaur K, Nair J, Huntington P, Karagiannis T, Stark D, **Rawlinson WD**, Olma T, Thomas L, Melki J, Millar D (2013) Improved detection of gastrointestinal pathogens using generalised sample processing and amplification panels.
- CF315. Webel R, Hakki M, Wagner S, Naing Z, **Rawlinson WD**, Chou S, Marschall M (2013) Identification of three HCMV pUL97 isoforms expressed from alternative ATG start sites revealing insight into their importance for viral replication. 23<sup>rd</sup> Annual Meeting of the Society for Virology, Kiel, Germany March 2013.
- CF316. White PA, Eden JS, Hewitt J, Lim KL, **Rawlinson WD**, Greening G (2012) The emergence and evolution of a novel pandemic norovirus GII.4 variant. Australasian Virology Society (*Abstract*)

## 2014

- CF317. Webel R, Hakki M, Bahsi H, Prichard M, **Rawlinson WD**, Marschall M, Chou S (2014) Differential properties of three isoforms of the cytomegalovirus protein kinase pUL97. International Herpesvirus Workshop Kobe July 2014

- CF318. Smith KS, Hocking JS, Chen MY, Fairley CK, McNulty AM, Read P, Bradshaw CS, Wand H, Jamil MS, Saville M, Tabrizi SN, Garland SM, **Rawlinson WD**, Donovan B, Kaldor JM, Guy R (2014) Sexual health service clients prefer home-based retesting for chlamydia. International Union Against Sexually Transmitted Infections September 2014 (*Abstract*)
- CF319. Homaira N, Jaffe A, Snelling T, **Rawlinson WD** High rates of RSV hospitalization in very young children in New South Wales (NSW), Australia: 2001-2010 9<sup>th</sup> International Cytial Virus Symposium Stellenbosch South Africa November 2014 (*Abstract Oral Presentation*)
- CF320. Stelzer-Braid S, D’Cunha R, Willenborg C, Doumit M, Belessis Y, Tovey E, Jaffe A, **Rawlinson WD** (2014) Rhinovirus infections in the upper and lower airways of young Australian children with cystic fibrosis. ERS International Congress Munich September 2014 (*Poster*)
- CF321 Figuroa-Crisostomo C, **Rawlinson WD** (2014) Enteroviruses and type 1 diabetes pathogenesis: modulation of circulating microRNAs. SEALS Research Institute December 2014 Sydney (*Abstract*)

## 2015

- CF322 Stelzer-Braid S, Tovey E, Willenborg C, Toelle B, Ampon R, Garden F, Oliver B, Strachan R, Belessis Y, Jaffe A, Reddel H, Crisafulli D, Marks G, **Rawlinson WD** (2014) Absence of back to school peaks in human rhinovirus and asthma exacerbations in a cohort of children with asthma contrasts to community incidence of disease exacerbations. TZANZ 2015 Gold Coast (*Abstract*)
- CF323 Burrows F, Ramachandran V, **Rawlinson WD** (2014) Importance of pharmacokinetic (PK) considerations in the development of ganciclovir-resistant cytomegalovirus (GR-CMV) infections after lung transplantation (LTX). International Society of Heart and Lung Transplantation Annual Meeting Nice April 2015 (*Abstract*)
- CF324 Kim KW, Ho A, Al Shabeeb A, Hardikar AA, **Rawlinson WD**, Craig ME (2015) Coxsackievirus B5 infection induces dysregulation of microRNAs predicted to target known Type 1 diabetes risk genes in human pancreatic islets. Islet Society Meeting July 2015 Sydney (*Abstract*)

## 2017

- CF325 **Rawlinson WD**, (2017) Managing the risks of CMV transmission in transplant and other patients. HAA 2017 Annual Scientific Meeting October 2017 Sydney (*Oral Presentation*)

CF326 **Rawlinson WD**, (2017) Transplant Infections – Diagnosis and Evaluation of Blood Borne and Reactivating Viruses. 34<sup>th</sup> Annual NRL Workshop on Infectious Disease October Hobart (*Oral Presentation*)

## **2018**

CF327 **Rawlinson WD**, (2018) Community, Hospital and Travel Acquired Infection. EBAANZ Annual General and Scientific Meeting February Sydney (*Oral Presentation*)

CF328 **Rawlinson WD**, (2018) Public Health Update on measles in NSW and Using genomics in outbreak Responses (*Chaired presentation*) RCPA Pathology Update March Sydney

CF329 **Rawlinson WD**, (2018) Beta herpesvirus infection of immunocompromised transplant patients RCPA Pathology Update March Sydney (*Oral Presentation*)