

## CURRICULUM VITAE

### Jennelle Maree KYD

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#### Work Details

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#### Employment History

2010–

##### **Deputy Vice-Chancellor (Academic and Research)**

##### **Professor, CQUniversity**

This position is responsible for the Academic, Research and Engagement strategic and operational agendas. It involves whole-of-university strategy, operational plans and policy, and associated planning, implementation and management; oversight and implementation of relevant organisational systems and quality assurance; budget allocation and management within the Division of Academic and Research; overseeing the associated line management of key functional and business units; and facilitate communication, team work and collegial management processes among the members of the senior executive team of the University.

Specific accountabilities include:

- ◆ Executive leadership, management and performance of the academic, research and engagement strategies, operations and targets;
- ◆ Leadership in university-wide strategic planning, quality assurance, performance monitoring and reporting, review and benchmarking;
- ◆ President of Academic Board and ensuring effective academic governance within the University;
- ◆ Supervisory executive leadership of the portfolio responsibilities of the Pro-Vice Chancellor Research, Pro-Vice Chancellor Teaching and Learning, and Pro-Vice Chancellor Community and Engagement;
- ◆ Executive oversight of the Heads of Campus responsibilities;
- ◆ Indigenous education and support services through Nulloo Yumbah;
- ◆ Responsible for leading the University's 2010 AUQA audit and post-audit implementation of recommendations.

2009–10

##### **Deputy Vice-Chancellor (Research, Scholarship and Industry)**

##### **Professor, CQUniversity**

This position was an extension of the responsibilities of the Pro Vice-Chancellor (Research and Innovation) position. It incorporated responsibilities for Industry relationships and some policy and quality requirements in Teaching and Learning.

2006–2009

##### **Pro Vice-Chancellor (Research and Innovation)**

##### **Professor, CQUniversity**

This position was responsible for establishing the strategic and operational agendas for the portfolio of Research. It includes leading the development of whole-of-university strategy, operational plans and policy; effective oversight and implementation of organisational systems; leading the

planning and management of organisational change; budget allocation and management; and overseeing the line management of key functional and business units and engaging collaboratively with the executive team.

The position is specifically accountable for the:

- ◆ Executive leadership in the development and communication of the University's mission, vision and goals;
- ◆ Sponsorship of research excellence and scholarship;
- ◆ Promotion of collaborative research and innovation initiatives and the integration of research into University teaching and learning;
- ◆ Developing and managing relationships with Industry;
- ◆ Developing new research opportunities and concentrating resources into priority and viable areas;
- ◆ Management of the University's relationships with external stakeholders in research and innovation;
- ◆ Management of commercialisation of intellectual property from research and innovation;
- ◆ Liaison with government agencies;
- ◆ Leading the development and coordination of the campus network;
- ◆ Executive oversight and leadership of the strategic directions of the CQUniversity domestic campuses (transferred from portfolio under 2009 restructure).

**2003–2006**

**Professor, Chair of Forensic Studies  
Head of National Centre for Forensic Studies  
University of Canberra**

This position required the establishment and then leadership of the National Centre for Forensic Studies—a partnership between the University of Canberra, the Australian Federal Police and the Canberra Institute of Technology; developing new partnerships and linkages with relevant internal and external organisations that benefited the establishment of new and development of existing teaching and research programs in forensic fields; and taking a leadership role in entrepreneurial and innovative initiatives that benefited the University and the Centre. This position also required academic and administrative leadership of staff and resource management, mentoring to staff and students, creation of links with the local community and development of professional excellence.

**2001–2002**

**Associate Professor in Biotechnology, School of Human and Biomedical Sciences, University of Canberra**

I was appointed to the University of Canberra in 1994 and over the course of 6 years achieved a series of academic promotions. The position was to facilitate the development of a major research program in Biomedical Sciences. I progressed to a leadership role in this position through performance and academic promotion. This position required the supervision of graduate research students; successful attraction of research funds to develop resources and support research programs, and leadership in the management of staff, students and resources. The position involved significant contribution to committees, policy development and marketing that was of benefit to the school, faculty and university.

**1997–2000**

Senior Lecturer, School of Human and Biomedical Sciences,  
University of Canberra

1994–1997	Research Associate, University of Canberra Establishment of research programs in Biomedical Sciences
1985–1992	Academic level A, Faculty of Biological Sciences, University of Newcastle Teaching part-time in General Biology, Biochemistry, Immunology, Genetics
1979–1983	Science Teacher, New South Wales Department of Education

### Adjunct Positions

2003–2006	Adjunct Professor, School of Medicine Australian National University, Canberra
2004–2006	Adjunct Professor, University of Florida, USA
2004–2006	Honorary Visiting Fellow, University of Edinburgh, Scotland
2005–	Adjunct Professor, Griffith University, Gold Coast
2006–2009	Adjunct Professor, University of Canberra, Canberra

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### Qualifications

1995	Doctor of Philosophy (Ph.D.) University of Newcastle Faculty of Medicine and Health Sciences
1978	Graduate Diploma in Education (Dip. Ed.) Sydney Teacher's College
1977	Bachelor of Science, Honours in Biochemistry (B.Sc.Hons) University of New South Wales

### Senior Professional Development Programs

Australian Institute for Company Directors Diploma  
APESMA Research Leadership Program  
AVCC Executive Leadership Course  
IIR Executive Development Complex & Competitive Negotiation Course

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### Scholarships

Australian Postgraduate Research Award (1992–95)  
NSW Department of Education Teacher's Scholarship (1975–78)

### Awards

2003 Tall Poppy Award for Scientific Achievement from the  
Australian Institute of Political Sciences  
2007 Finalist, Australian Institute of Management, Professional  
Management Awards for Qld and NT  
2007 Best Forensic Publication in 2006, National Institute for Forensic  
Science

### Status

2009– Queensland Ambassador AIPS Tall Poppy

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### Board and Committee Positions

#### Board Positions

2010–	Director, Australian Institute of Policy and Science
2007–	Director, CRC for Rail Innovation
2007–	Director, Rail Innovation Australia
2006–09	Board Member, Consortium for Integrated Resource Management
2006–10	Director, Queensland Cyber Infrastructure Foundation
2006–07	Director, Rail CRC
2006–10	Director, Hortical Ltd

## Major Research External Committees

2010–11	Conference Committee, International Congress on Otitis Media, USA
2009	Scientific Committee, 3 <sup>rd</sup> International Vaccine Congress, Thailand
2009	Scientific Committee, International Congress on Otitis Media. Korea
2007	Scientific Committee, Vaccine Congress, Netherlands
2007	Scientific Committee and Vaccine Advisory Group, International Congress on Otitis Media, USA
2006–08	Executive, Universities Australia Deputy/Pro Vice-Chancellors' Research Group
2004–06	Ausbiotech, Biotechnology Consultative Group, Canberra Region
2004–06	ACTBusiness, Biotechnology Delegation to USA
2004–06	ACTBusiness, Reviewer, California–Canberra Bridging Program
2004	ACT Accreditation and Registration Board Member for Graduate Diploma of Forensic Investigation
2004–06	Member, Canberra Region Branch AusBiotech and ACT Steering Committee in Biotechnology Business Development
2003	ACT Accreditation and Registration Board Member for Bachelor of Forensic Investigation
2003	Vaccine Advisory Group, International Congress on Otitis Media, USA
2002–	Advisory Board, Recent Advances in Otitis Media, USA
1999 & 2004	ACT Accreditation and Registration Board Member for Bachelor degrees
2000 & 2002	Scientific Advisory Boards, World Congress on Vaccines and Immunisations
2000–02	Chairperson, Organising Committee for Australian Society of Immunology Annual Scientific Meeting
2000–04	Organising Committee, Canberra Region Postgraduate Committee in Medicine Annual Scientific Meeting
1999	Reviewer, Wildlife Vaccine program, CSIRO Wildlife and Ecology

## CQ University Committees

2010	President, Academic Board
2010	Member, Council of CQUniversity
2010	Attendee, Audit, Compliance and Risk Committee
2010	Member, Planning and Resources Committee
2010	Chair, Academic Promotions Committee
2009–10	Chair, Education Committee of Academic Board
2008–	Member, Quality Committee
2008–	Member, Standing Committee of Academic Board
2008–10	Deputy President, Academic Board
2007–	Chair, University Health and Safety Committee
2007–	Member, Rockhampton Advisory Committee
2006–	Chair, Research Committee of the Academic Board
2006–	Chair, Research Higher Degree Committee
2006–	Member, Vice Chancellor's Executive
2006	Member, Centre for Railway Engineering Board
2006	Member, Institute for Sustainable Regional Development Board
2006	Member, Centre for Environmental Management Board
2006–09	Member, Mackay Advisory Committee
2006–09	Member, Gladstone Advisory Committee
2006–09	Member, Emerald Advisory Committee
2006–09	Member, Bundaberg Advisory Committee
2006–	Member, Promotions Committee

## Previous University Committees

2005–06	Director, Security and Forensic Research Centre, University of Canberra
2004–05	Deputy Director, Division Research Institute Executive, University of Canberra
2004–06	Academic Board, University of Canberra
2004–06	University Higher Degrees by Research Committee, University of Canberra
2004–06	University of Canberra Promotions Committee
2004–06	University of Canberra Scholarships and Prizes Committee
2003–06	Chairperson, University of Canberra Conduct Committee
2002	Division Finance Committee, University of Canberra
2002–06	The Canberra Medical School ACTion Program Committee
2002–04	Director, Gadi Research Centre for Medical and Health Sciences
2001–02	University Promotions Committee
2001–04	Member, Division Research Institute Executive
2000–01	Chairperson, Division Research Committee
1996–01	Academic Board Representative, University Research Committee
1996–97	Representative, National Health Sciences Centre (NHSC) Sub Committee
1996–01	Co-ordinator, Master by Research
1996–01	Member, Faculty Higher Degrees Committee
1996–01	Member, Division of Infrastructure and Information Technology Committee
1996–05	Division of Science and Design, Responsible for Division Radiation Licence
1996–01	University of Canberra Liaison Officer, Institutional Biosafety Committee, Australian National University

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## Professional Offices/Editorial Positions

2008	Special Editor, 25 <sup>th</sup> Anniversary Edition, <i>Vaccine</i>
2001–08	Editor, <i>FEMS Immunology and Medical Microbiology</i>
2003–09	Editor (Reviews), <i>Vaccine</i>
2010–	Associate Editor, <i>Vaccine</i>
1999–02	ACT Councillor, Australasian Society for Immunology

## Grant Panel Member

2006 & 2010	National Health and Medical Research Council (NH&MRC): Microbiology Discipline
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## Grant Reviewer

National Health and Medical Research Council  
The Wellcome Trust (United Kingdom)  
Princess Alexandra Hospital Research and Development Foundation  
Federal Ministry of Education, Science and Culture (Austria)  
NSW BioFirst Awards Program

## Reviewer

*Paediatrics*  
*Clinical Infectious Diseases*  
*Infection and Immunity*  
*Vaccine*  
*Medical Science Monitor*  
*FEMS Immunology and Medical Microbiology*  
*Journal of Biotechnology*  
*Journal of Immunological Methods*  
*Veterinary Microbiology*  
*Immunology and Cell Biology*

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## Research Degree Students Supervised

Graduate (PhD & MSc):	23
Honours:	23

## Thesis Examinations

Examiner of Research Theses from institutions, including:

- ◆ University of NSW
- ◆ Monash University
- ◆ University of Western Australia
- ◆ Australian National University
- ◆ University of Canberra
- ◆ Charles Sturt University

## Professional Memberships

Australasian Society for Immunologists  
Australasian Society for Microbiologists  
American Society for Microbiology  
International Society for Mucosal Immunology  
International Vaccine Society

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## PERSONAL RESEARCH TRACK RECORD

### Research Funding Competitive Grants

2009–11	<b>NH&amp;MRC:</b> J. Kyd, M. Cooley	\$434,000
2008	<b>CQU Merit Grant:</b> J. Kyd	\$30,000
2006–08	<b>NH&amp;MRC:</b> J.Kyd, A. Cripps, L. Bakaletz	\$230,250
2006–08	<b>NH&amp;MRC:</b> J.Kyd, M. Cooley, D. Pritchard	\$245,250
2006–08	<b>ARC Linkage:</b> D. Tait, J. Goodman-Delahunty, J.Kyd et al ( $\$360,000$ from the ARC; $\$105,000$ linkage cash; $\$822,457$ in-kind)	\$1,287,457
2005	<b>UNSW Research Grant:</b> M. Cooley, J. Kyd, D. Pritchard	\$9,000
2004–05	<b>UC Initiative Funds:</b> J. Kyd	\$5,000
2005–07	<b>AINSE grant:</b> J. Kyd	\$22,500
2004–05	<b>UC Industry-Linked Research Grant:</b> J. Kyd	\$36,000
2004–06	<b>Garnet Passe &amp; Rodney Williams Foundation:</b> H. Coates (AI)	\$269,512
2003–05	<b>NH&amp;MRC:</b> D. Broom, A. McMichael, L. Lim, J.Kyd, L. Strazdins	\$460,855
2003–04	<b>Glycomics Research Grant:</b> I. Peak, A. Cripps, J. Kyd	\$14,750
2003	<b>ARC Network Seed Funding:</b> J.Kyd et al	\$10,000
2003	<b>Infrastructure Grant:</b> S. Sarre, J.Kyd et al	\$150,000
2001	<b>ARC Small Grant:</b> A. Foxwell, J. Kyd, A.Cripps	\$24,900
1999–01	<b>ARC SPIRT:</b> A.W. Cripps, J.M. Kyd	\$327,000
1999	<b>UC Research Grant:</b> P. Ezekiel-Moor, J. Kyd, A. Cripps	\$14,129
1998–00	<b>NH&amp;MRC:</b> A.W. Cripps, J.M. Kyd, D. Bastin 1998	\$197,481
1998	<b>UC Research Grant:</b> D. Bastin, J.M. Kyd, A.W. Cripps	\$13,245
1998	<b>UC Visiting Scholars:</b> J. Kyd	\$3,500

1997	<b>ARC small grant:</b> J.M. Kyd, A.W. Cripps	\$16,612
1997–00	<b>R&amp;D Start Grant, DIST:</b> Cortecs (OM) Pty Ltd., A.W. Cripps, J.M. Kyd (75% Govt & 25% Industry)	\$2.9 million
1997	<b>Bilateral Science &amp; Technology Collab Program, DIST:</b> J.M. Kyd	\$6,600
1997	<b>UC Research grant:</b> B.A. Lidbury, A.W. Cripps, J.M. Kyd	\$14,100
1996	<b>ARC small grant:</b> A.W. Cripps, J.M. Kyd, W. El Adhami	\$26,768

### Industry Contracts

1999–10	<b>National and International (Commercial-in-Confidence)</b>	\$3,134,868
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### Primary Patent Applications

- 1995 PCT/GB96/01549. Inventors: Kyd JM, Cripps AW, Smith C. OMP26 Antigen from *Haemophilus influenzae*.
- 1997 PCT/GB98/00217. Inventors: Cripps AW, Kyd JM, Dunkley ML, Clancy RL. A novel protein from *Pseudomonas aeruginosa*.
- 1998 PCT/GB99/01473. Inventors: Kyd JM. Cripps AW. *Branhamella catarrhalis* antigens.
- 1999 PCT/GB00/04625. Inventors: Cripps AW, Kyd JM, Thomas L. Vaccine Antigens for *Pseudomonas aeruginosa*.
- 1999 PCT/GB02/01480. Inventors: Cripps AW, Kyd JM, Jomaa M. Vaccine Antigens for *Streptococcus pneumoniae*.
- 2010 Filed: Inventors: Kyd, JM, Cooley, M. Acyl-homoserine lactone-Catalase A conjugate from *Pseudomonas aeruginosa*.

### Selected Recent Invited and Keynote Presentations

- 2010 7<sup>th</sup> International Symposium on Tonsils and Mucosal Barriers of Upper Airways, Japan
- 2010 Otitis Media Research, Darwin
- 2009 3<sup>rd</sup> International Vaccine Congress, Thailand
- 2009 International Symposium on Otitis Media, Korea
- 2009 Menzies Research Institute, University of Tasmania
- 2008 Research Institute at Nationwide Children's Hospital, Columbus Ohio, USA
- 2008 Telethon Research Institute, University of Western Australia, Perth
- 2008 University at Buffalo, the State University of New York, Buffalo, New York
- 2007 Keynote Speaker, 25<sup>th</sup> Anniversary Vaccine Congress, Netherlands
- 2007 Center for Genomic Sciences, Pittsburgh
- 2007 Nontypeable *Haemophilus Influenzae* Expert Panel, Munich Germany
- 2007 Australian Society for Immunology, Sydney
- 2007 Eidos Emerge Conference, Brisbane
- 2006 Australian Academy of Forensic Sciences, Sydney

### Publications

Kyd, J.M. and A.S. Bagnara, (1980) Adenosine kinase from human erythrocytes: determination of the conditions required for assay in crude hemolysates. Clin. Chim. Acta, 103, 145–153

Hawkins, C.F., J.M. Kyd, and A.S. Bagnara, (1980) Adenosine metabolism in human erythrocytes: a study of some factors which affect the metabolic fate of adenosine in intact red cells *in vitro*. Arch. Biochem. Biophys., 202, 380–387

- Kyd, J.M. and R.N. Murdoch (1992) Deciduo-genic effects of mediators of the polyphosphatidylinositol pathway in pseudopregnant mice. Experientia 48, 741–745
- Kyd, J.M., D. Taylor and A.W. Cripps (1994) Conservation of immune responses to proteins isolated by preparative-page from the outer membrane of nontypable *Haemophilus influenzae*. Infect. Immun. 62, 5652–5658
- Kyd, J.M., M. Dunkley, and A.W. Cripps (1995) Enhanced respiratory clearance of nontypable *Haemophilus influenzae* following mucosal immunization with P6 in a rat model. Infect. Immun 63, 2931–2940
- Kyd, J.M. (1995) Purification of antigens from nontypeable *Haemophilus influenzae* and immune mechanisms induced in the lung. PhD Thesis, University of Newcastle
- Cripps, A.W. and J.M. Kyd (1995) Mucosal immunisation for protection against nontypable *Haemophilus influenzae* respiratory infection. Clin. Immunol Immunopharmacol 76, S83
- Kyd, J.M. and A.W. Cripps (1995) Investigation of purified proteins from nontypable *Haemophilus influenzae* as vaccine candidates. Clin. Immunol Immunopharmacol 76, S93
- Cripps, A.W., M.L. Dunkley, R.L. Clancy and J.M. Kyd (1995) Pulmonary immunity to *Pseudomonas aeruginosa*. Immunol Cell Biol 73, 418–424
- Kyd, J.M. and A.W. Cripps (1996) Modulation of antigen-specific T and B cell responses influences bacterial clearance of nontypeable *Haemophilus influenzae* in a rat model. Vaccine, 14:1471–1478
- Cripps, A.W., M.L. Dunkley, R.L. Clancy and J.M. Kyd (1997) Vaccine strategies against *Pseudomonas aeruginosa* infection in the lung. Behring Inst. Mitt. 98:262–268
- Kyd, J.M. and M.L. Dunkley (1997) Induction of respiratory bacterial immunity by intranasal immunisation. Mucosal Immunology Update. 5:14–16
- Kyd, J.M., A.W. Cripps and T.F. Murphy (1997) Pulmonary clearance of *Branhamella catarrhalis* and the role of protein expression. In: Mucosal Solutions. A. Husband et al (eds), University of Sydney Press, Sydney. Vol 1, 301–309
- Kyd, J.M., A.W. Cripps and T.F. Murphy (1998) Outer membrane antigen expression by *Branhamella catarrhalis* influences pulmonary clearance. J. Med. Microbiol. 47:159–168
- Kyd, J.M. and A.W. Cripps (1998) Potential of a novel protein, OMP26, from nontypeable *Haemophilus influenzae* to enhance pulmonary clearance in a rat model. Infect. Immun. 66:2272–2278
- Foxwell, A.R., J.M. Kyd and A.W. Cripps (1998) Nontypeable *Haemophilus influenzae*: Pathogenesis and prevention. Microbiol. Mol. Biol. Rev. 62:294–308
- Foxwell, A.R.C., J.M. Kyd, A.W. Cripps (1998) Characteristics of the immunological response in the clearance of nontypeable *Haemophilus influenzae* from the lung. Immunol Cell Biol. 76:323–331
- Murphy, T.F., Kyd, J.M., A. John, C. Kirkham, A.W. Cripps, (1998) Enhancement of Pulmonary Clearance of *Moraxella (Branhamella) catarrhalis* Following Immunization with Outer Membrane Protein CD in a Mouse Model. J. Infect. Dis. 178: 1667–1675

- Cripps, A.W., J.M. Kyd and A.R.C. Foxwell. (1998) Mucosal immune mechanisms against bacterial infection in the respiratory tract. 10th Int. Congress of Immunol. 897–901. Monduzzi Editore, Bologna, Italy.
- Foxwell, A.R.C., J.M. Kyd, A.W. Cripps (1998) Kinetics of inflammatory cytokines in the clearance of nontypeable *Haemophilus influenzae* from the lung. Immunol. Cell. Biol. 76:556–559
- Kyd, J.M. and A.W. Cripps (1999) Towards a protein vaccine for nontypeable *Haemophilus influenzae*. Clin. Infect. Dis. 28:238
- Kyd, J.M. and A.W. Cripps (1999) Killed Whole Bacterial Cells, A mucosal delivery system for the induction of immunity in the respiratory tract and middle ear: An overview. Vaccine 17: 1775–1781
- El Adhami, W., J.M. Kyd, D.A. Bastin and A.W. Cripps (1999) Characterisation of the gene for OMP26 from nontypeable *Haemophilus influenzae* and immune responses to the recombinant protein. Infect. Immun. 67:1935–1942
- Kyd, J.M., Y. Dai, M. Keglovic and A.W. Cripps (1999) Mucosal immunisation modulates the TNF- $\alpha$  response in middle ear infection and enhances bacterial clearance Immunol Letts, 69 (1): 12.15
- Foxwell, R, J. Kyd, N. von Rooijen and A.W. Cripps (1999) Alveolar macrophages play an early role in acquired immune response against nontypeable *Haemophilus influenzae*. Immunol Letts, 69 (1):34.18
- Cripps, AW, J. Kyd and D. Webb (1999) Pulmonary immunity to nontypeable *Haemophilus influenzae* and identification of potential vaccine antigens. Immunol Letts, 69 (1):34.19
- Lidbury, BA, J. Kyd, R. Moore and A.W. Cripps (1999) Studies on viral infection as a precursor to chronic or exacerbated otitis media. Immunol Letts, 69 (1): 35.10
- Thomas, L., M. Dunkley, D. Bastin, J. Kyd and AW. Cripps (1999) The *Pseudomonas aeruginosa* catalase is a protective antigen.. Immunol Letts, 69 (1):45.5
- Dai, Y., J. Kyd, W. El-Adhami, A. John and A. Cripps (1999) Potential of mucosal immunisation to protect against *Moraxella catarrhalis* middle ear infection. Immunol Letts, 69 (1): 30.5
- Kyd, J.M. and A.W. Cripps (1999) Nontypeable *Haemophilus influenzae*. Challenges in developing a vaccine. J. Biotechnol. 73: 103–108
- Thakur, A, MDP Wilcox, JM Kyd and AW Cripps (1999) Complete protection against *Pseudomonas aeruginosa* keratitis in intra-nasally immunised rats. Invest. Ophthalmol. Visual Sci. 40:4179
- Kyd, J.M., A. John, A.W. Cripps, T.F. Murphy (2000) Investigation of mucosal immunization in pulmonary clearance of *Moraxella catarrhalis*. Vaccine. 18: 398–406
- Kyd, J.M. (2000) Integration of post-graduate studies with corporately funded biotechnology programs. Biochem. Ed. 28:86–88

- Kyd, J.M. and A.W. Cripps (2000) Identifying vaccine antigens and assessing delivery systems for the prevention of bacterial infections. J. Biotechnol. 83:85–90
- Thomas, L. Dunkley, M.L., Moore, R., Reynolds, S., Bastin, D., Kyd, J.M. and A.W. Cripps (2000) Catalase immunisation from *Pseudomonas aeruginosa* enhances bacterial clearance in the rat lung. Vaccine. 19:348–357
- Kyd, J.M. and A.W. Cripps (1999). Developing new vaccines to prevent bacterial infections. Khon Kaen Workshop. Special edition.
- Foxwell, A.R., J.M. Kyd and A.W. Cripps. (2001) Programmed inflammatory processes induced by mucosal immunisation. Vaccine. 19:2522–2526
- Cripps, A.W., J.M. Kyd and A.R. Foxwell (2001). Vaccines and mucosal immunisation. Vaccine. 19: 2513–2515
- Kyd, J.M., A.R. Foxwell and A.W. Cripps. Mucosal immunity in the lung and upper airway. Vaccine.19: 2527–2533
- Poolman, J.T., L. Bakaletz, A. Cripps, P. Danoël, A. Forsgren, J. Kyd, Y. Lobet. (2001) Developing a nontypeable *Haemophilus influenzae* (NTHi) vaccine. Vaccine 19(S1): S108–S115
- Moore, R., Lidbury, B.A., Cripps, A.W. and J. M. Kyd. (2001) Viral co-infection does not reduce the efficacy of vaccination against nontypeable *Haemophilus influenzae* middle ear infection in a rat model. J. Otolaryngol. 63:96–101
- Foxwell, A.R., J.M. Kyd, G. Karupiah and A.W. Cripps. (2001). CD8<sup>+</sup> T cells have an essential role in pulmonary bacterial clearance of Nontypeable *Haemophilus influenzae* following mucosal immunization. Infect. Immun. 69(4): 2636–2642
- Thakur, A, M. Xue, J. Kyd, MDP Willcox and A. Cripps. (2001) Effector mechanisms of protection against *Pseudomonas aeruginosa* keratitis in immunised rats. Infect. Immun. 69: 3295–3304
- Kyd, J.M., Y. Dai and A.W. Cripps. (2002) Mucosal immunisation enhances clearance of bacterial otitis media and regulates inflammatory cytokine production. In: Recent advances in Otitis media with effusion. Eds: D.J. Lim and CD Bluestone, p 440. BC Decker, Ontario, Canada
- Riedmann, E.M., J.M. Kyd, A.M. Smith, S. Gomez-Gallego, K Jalava, A. W. Cripps, W. Lubitz. (2003) Construction of recombinant S-layer proteins (rSbsA) and their expression in bacterial ghosts – a delivery system for the nontypeable *Haemophilus influenzae* antigen OMP26. FEMS Immunol. Med. Microbiol. 37(2–3):185–92
- Thomas, LD, JM Kyd, DA Bastin, ML Dunkley, AW. Cripps (2003) Immunisation with non-integral OMPs promotes pulmonary clearance of *Pseudomonas aeruginosa*. FEMS Immunol. Med. Microbiol. 37(2–3):155–60
- Cripps A.W., A.R. Foxwell and J.M. Kyd. (2002) Challenges for development of vaccines against *Haemophilus influenzae* and *Neisseria meningitidis*. Current Opinions Immunol. 14:553–557
- Tyrer P, A.R. Foxwell, J.M. Kyd, M.Harvey, P. Sizer, A.W. Cripps (2002) Validation and quantitation of an in vitro M cell model. Biochem Biophys Res Commun. 299:377–83

Dunkley, M.L., S. Rajyaguru, A. McCue, A.W. Cripps and J.M. Kyd (2003) *Pseudomonas aeruginosa*-specific IgG1 and IgG2a in enhancement of pulmonary clearance following passive immunisation in the rat. FEMS Immunol. Med. Microbiol. 39:37–44

Cripps A.W. and J.M. Kyd (2003) Bacterial otitis media: Current vaccine development strategies. Immunol. Cell Biol. 81:46–51

Kyd J.M., A.W. Cripps L.A. Novotny and L.O. Bakaletz (2003) Efficacy of OMP26 and two P5 Fimbrin derived immunogens to induce clearance of nontypeable *Haemophilus influenzae* from the rat middle ear and lungs as well as from the chinchilla middle ear and nasopharynx. Infect Immun. 71(8):4691–9

Foxwell, AR, Kyd, JM, Cripps, AW. (2003) Mucosal immunization against respiratory bacterial pathogens. Expert. Rev. Vaccines. 2:551–560

Cripps, AW, Kyd, JM. (2003) A Vaccine for Nontypable *Haemophilus influenzae*. In: New Bacterial Vaccines. Eds: R. Ellis, B. Brodeur. ISBN: 0-306-47832-3. Landes Bioscience.pp243–258

Cripps, A.W., J.M. Kyd, A.R. Foxwell. 2004. Bacterial Respiratory Infections. The global burden of disease and strategies for control. Saal/Foley Lecture. Australian Journal of Medical Science 25(3):124–128

E. Riedmann, W. Lubitz, A. M Smith, S. Gomez-Gallego, J. McGrath, A.W Cripps and J.M Kyd. (2005) Immune Responses to the nontypeable *Haemophilus influenzae* antigen OMP26 delivered mucosally in bacterial ghosts. Infect. Immun.

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