# **Curriculum Vitae**

## CURRICULUM VITAE 2017 Prudence Hamilton HART

## 1. Address:

Telethon Kids Institute, PO Box 855, West Perth, WA 6872 E-mail: Prue.Hart@telethonkids.org.au

## 2. Current Appointment 2017:

Principal Research Fellow, Telethon Kids Institute, University of Western Australia. Adjunct Professor, University of Western Australia, Appointed 2007.

## 3. Previous Postdoctoral Appointments/Positions

NHMRC Principal Research Fellow, Telethon Kids Institute, mid 2003-Dec 2012. NHMRC Principal Research Fellow, Flinders University of SA, 2002- mid 2003. NHMRC Senior Research Fellow, Flinders University of SA, 1994-2001. NHMRC Research Fellow, Flinders University of SA, 1990-1993.

NHMRC Senior Research Officer, Clinical Microbiology, School of Medicine, Flinders University of SA, 1989

NHMRC Senior Research Officer, Royal Melbourne Hospital, University of Melbourne, 1986- May 1989. NHMRC Senior Research Officer, Clinical Microbiology Unit, School of Medicine, Flinders University of SA, 1983-1986.

Research Assistant, Medical Department A, Rigshospitalet, Copenhagen, Denmark 1977-78 Research Assistant, Royal Brisbane Hospital, University of Qld, 1975-77.

## 4. Awards and Honours

Edwin Tooth PhD Scholar, Royal Brisbane Hospital, University of Qld 1979-82. Woman of Achievement Award in Science, Zonta Club of Adelaide Torrens, 1998.

## 5. Academic Record and Qualifications

BSc (Hons) University of QLD 1974 MSc University of QLD 1977 PhD University of QLD 1983

# 6. Teaching and Mentoring

<u>Supervision of PhD students</u>: Since 1992, 15 PhD students (4 current)

Primary Supervision of Honours students (all awarded Hons I): 8 between 1995 and 2010

<u>Co-Supervisor /Examiner of Honours Students</u>: 1990-2002 at Flinders University – approximately 10 2003-2017 at Telethon Kids Institute – approximately 10

**Mentoring.** One of my greatest achievements has been to encourage and mentor other researchers for careers in medical research. Most have won significant postdoctoral fellowships All PhD graduates but one have remained in science. All Honours students have received a First Class Honours degree and many have enrolled in a PhD programme. As a woman with both family (2 daughters at university) and professional responsibilities and membership of the NHMRC Fellowship scheme for 22 years until 2012, I mentor many young scientists with respect to successful career planning, as well as coping strategies on a day to day basis and upon rejection of fellowships, manuscripts and grants. I am a member of a

mentoring programme both within this institute and within ASMR. In 2009, I was an invited speaker at an ASMR Career Development Day in Perth.

## 7. Academic and Research Leadership:

| Membership of | Committees of the National Health and Medical Research Council (NHMRC), Australia: |
|---------------|--|
| 2000-2, 2004  | Member of GRP 2c (Inflammation), 2002 Deputy Chair.                                |
| 2005          | Member, Interviewing Panels, NHMRC Fellowships Committee                           |
| 2007          | Chair, NHMRC GRP2e (Inflammation)  |
| 2008          | GRP Member and Assessor Selector Committee   |
| 2009          | Chair, CDA Review Panel  |
| 2010-11       | Member, RGMS Working Group   |
| 2010-2017     | Member, NHMRC Academy (and Assigners Academy), representing Inflammation           |

## Membership of Peer Review Panels:

| 1996-99   | Member, Medical & Scientific Advisory Committee, Cancer Council SA                       |
|-----------|--|
| 1997-2006 | Member, Medical Advisory Board, Sylvia & Charles Viertel Charitable Foundation           |
| 2000-2002 | Member, SA Young Tall Poppies Award Committee  |
| 2002      | Member, Research Committee, Women's & Children's Hospital Fdn, SA                        |
| 2007-2016 | Member (sole external), Deputy Chair, Scientific Committee, Royal Perth Hospital Medical |
|           | Research Foundation  |
| 2009-2010 | Member, Research Committee, Cure Cancer Australia.                                       |
| 2013      | Member Abstract subcommittee for International Investigative Dermatology Conference,     |
|           | Edinburgh, Scotland  |
| 2016      | Member, Independent Scientific Review committee for Gateway Review of the Women's        |
|           | and Children's Research Network, Adelaide (September 12-16, 2016).                       |
| 2017      | Member, Scientific Grants Review Committee, MS Research Australia, Sydney, Nov2-3.       |

## **Contribution to Committees at Telethon Kids Institute:**

| 2003-2004 | Member, Animal Research Centre Management Committee, Telethon Kids Institute.             |
|-----------|---|
| 2005-2017 | Member, Animal Ethics Committee, TICHR (Deputy Chair 2011-present, Acting Chair           |
|           | 2012, 2013).  |
| 2005-2008 | Chair, Animal Research Centre Management Committee, Telethon Kids Institute.              |
| 2008-2014 | Chair, Scientific Advisory Committee to Animal Ethics Committee, Telethon Kids Institute. |
| 2011-2015 | Senior Principal Investigator, Faculty, Telethon Kids Institute                           |
| 2012-2013 | Elected Member, Senior Management Committee, Telethon Kids Institute                      |
| 2012-2015 | Head, Laboratory Management Committee, Telethon Kids Institute                            |
| 2014-2016 | Co-convenor, D-Light Showcase Project, Telethon Kids Institute                            |
| 2014-2016 | People Leader, Telethon Kids Institute  |
|           |   |

# **Contribution to University Committees:**

2015-present Member, School of Biomedical Sciences Advisory Board, Human Biology Preclinical, Curtin University, Perth

#### Editorial Responsibilities:

| 2016-present<br>2016-present | Member, Editorial Board, Photochemistry & Photobiological Sciences (Official Journal of<br>the European Society of Photobiology)<br>Scientific Advisory Board, European Society of Photobiology |
|------------------------------|---|
| 2016-17                      | Principal Editor, themed issue, Photochemistry & Photobiological Sciences, 'The health benefits of UV radiation exposure through vitamin D production or non-vitamin D pathways'                |

# **Public and Community Lectures:**

Other than regular showcasing of my research to visitors of the Telethon Kids Institute, the following outline more formal arrangemens.

- 1. Perth City Hall, October 2010, Public Lecture, Vitamin D and melanoma
- 2. Telethon Kids Institute, July 2011, Public Lecture, Vitamin D and Human health

3. Scitech, Perth, April 2010, Day of Immunology, Vitamin D

4. Co-Organiser with Cancer Council WA, Nov 22, 2011, Vitamin D Symposium debating how much sun we should get and what measures should be given to schools who want to be "Sun-Smart".

5. Member, Cancer Council Australia workshop on Sun Exposure and Vitamin D: Risks and Benefits, Brisbane, April 2015.

6. Assistance with publicity for MS Research Australia. At the 2015 and 2017 MSRA conferences, I was interviewed for both a video library and for Facebook Live.

Over several years, I have contributed to at least 6 stories on vitamin D in the 'West Australian' and/or the Health and Medicine Section of the West Australian. I have also contributed to the interface between Telethon Kids Institute and the community at Open Days and Science Fairs.

<u>Co-convenor of the Showcase project D-Light</u> 2014-2016. The D-Light team is a Perth-wide multidisciplinary network of researchers (epidemiologists, public health physicians, immunologists, respiratory physiologists, nutritionists, psychologists, health promotion practitioners, ophthalmologists, clinicians and biostatisticians) who seek to know how sunlight and vitamin D interact to benefit overall health and want to pinpoint the role of other chemicals and molecules whose release is also triggered by the exposure of skin to sunlight. Their research spans the full cycle of life, from pregnancy through to adulthood. They are working across the broad spectrum of risks and benefits of sun exposure and prevention of disease through to treatment. In Sept 2016, D-Light held day-long symposium to highlight our research and to hear invited international speakers from the UN Environment assessment Panel that was meeting in Perth.

# 8. Professional Service and Activities:

Australian Society for Medical Research – 1975 – present Director 1986-1992 Hon Secretary 1987-1990 President-Elect 1991 President 1992

Australasian Society for Dermatology Research 2004 – present Inaugural Board Member 2004 – 2015 President 2010-2012 Chair, Organising committee, Annual Scientific Conference, Perth 2011 Member, Organising committee, Annual Scientific Conference, Sydney 2012 Member, Organising committee, Annual Scientific Conference, Sydney 2013

American Society for Photobiology 1995-2012 Organiser, Chair, Speaker, Photoimmunology section of Bi-annual meeting, Puerto Rico, 2006

European Society for Photobiology 2011-present Member of Editorial Board, Photochem Photobiol Sciences (Journal owned by Society). Member Scientific Advisory Board, European Society of Photobiology

Mutagenesis and Experimental Pathology Society of Australia 1993- present Council Member 2004-2011

National Association of Research Fellows of NHMRC 1991-2014 SA Representative 1995-2003

Australasian Society for Immunology 1979-present Organising Committee, ASI National Conference Perth 2010 Co-organiser, Tumour Immunology Workshop, Perth 2010 Organising Committee, ASI National Conference Adelaide, 1990s

14<sup>th</sup> World Congress of Inflammation, Sydney, 2018 Member, WA representative, Organising Committee <u>NHMRC Fellowship</u> commenced 1/1/1991, Renewed 1994, 1998, 2002 (promoted PRF), 2007, 2012 (end of contract Dec 2012).

# NHMRC Grants (since 1998)

| 34273            | Mechanisms of UVB- and cis-urocanic acid-induced | PH Hart<br>JJ Finlay-Jones | \$177,597   | 1996-98           |
|------------------|--|----------------------------|-------------|-------------------|
|                  | systemic immunosuppression                       |                            |             |                   |
| 34669            | Initiation of intra-abdominal                    | JJ Finlay-Jones            | \$161,885   | 1997-99           |
|                  | abscess formation: mast                          | PH Hart                    |             |                   |
|                  | cells, macrophages and fibrin                    |                            |             |                   |
| 001570           | Equipment  | PH Hart                    | \$68,000    | 2000              |
|                  |  | KA Williams                |             |                   |
|                  |  | PJ Macardle                |             |                   |
|                  |  | RA Rodgers                 |             |                   |
| 980335           | IL-4 receptor phenotype and                      | PH Hart                    | \$728,423   | 1998-2002         |
| 000000           | function on human                                | JJ Finlay-Jones            | \$720,125   | 1770 2002         |
|                  | monocytes and macrophages                        | JJ I IIIIdy Joines         |             |                   |
| 000032           | Mast cells determine                             | PH Hart                    | \$193,321   | 2000-2002         |
| 000032           |  |                            | \$195,521   | 2000-2002         |
|                  | susceptibility to UVB for                        | JJ Finlay-Jones            |             |                   |
| 220020           | systemic immunomodulation                        |                            | #275 000    | 2002.07           |
| 229920           | Role of the mast cell product                    | PH Hart                    | \$375,000   | 2003-05           |
|                  | histamine in ultraviolet                         | JJ Finlay-Jones            |             |                   |
|                  | radiation induced systemic                       |                            |             |                   |
|                  | immunomodulation                                 |                            |             |                   |
|                  | Equipment  | PH Hart,                   | \$59,400    | 2004              |
|                  |  | Prescott, Thomas,          |             |                   |
|                  |  | Holt, Sly, Upham,          |             |                   |
|                  |  | Stumbles, Kees,            |             |                   |
|                  |  | Dallas, Izon,              |             |                   |
|                  |  | McMinn,                    |             |                   |
|                  |  | Hurrelbrink                |             |                   |
| 275546           | How IL-4 suppresses TNF                          | PH Hart                    | \$425,250   | 2004-2006         |
| 270010           | and IL-1 production by                           | JJ Finlay-Jones            | \$ 125,250  | extension granted |
|                  | activated human monocytes                        | 55 T may somes             |             | 2007              |
|                  | and macrophages                                  |                            |             | 2007              |
| 458612           | Asthma prevention and                            | PH Hart                    | \$477,000   | 2007-2009         |
| 436012           | treatment using UVB                              | DS Strickland              | \$477,000   | 2007-2009         |
|                  |  |                            |             |                   |
|                  | radiation-induced                                | DJ Turner                  |             |                   |
|                  | immunomodulation                                 | JJ Finlay-Jones            |             |                   |
| <b>FRO</b> ( ( ) |  | DUU                        | ¢214.250    | 2000 2011         |
| 572660           | Cutaneous inflammation,                          | PH Hart                    | \$314,250   | 2009-2011         |
|                  | bone marrow dendritic cells                      | S Gorman                   |             | extension granted |
|                  | and implications of immune                       |                            |             | for 2012          |
|                  | responses and immune                             |                            |             |                   |
|                  | homeostasis                                      |                            |             |                   |
| 1067209          | Narrow band UVB                                  | PH Hart                    | \$660,558   | 2014-2017         |
|                  | phototherapy for patients                        | DR Booth                   |             |                   |
|                  | with Clinically Isolated                         | A Kermode                  |             |                   |
|                  | Syndrome: A phase 1 trial                        | D Nolan                    |             |                   |
|                  | · 1  | R Lucas                    |             |                   |
|                  |  | W Carroll                  |             |                   |
|                  |  | J Cole                     |             |                   |
| 1146312          | MIC-1/GDF15 in CNS                               | D Brown                    | \$1,000,780 | 2018-2021         |
| 1140312          | disease  | S Breit                    | φ1,000,700  | 2010-2021         |
|                  | uisease  |                            |             |                   |
|                  |  | D Booth                    |             |                   |
|                  |  | PH Hart                    | 1           |                   |

| Title  | Chief Investigators   | Funding<br>Amount    | Duration     | Granting Body  |
|--|---|----------------------|--------------|--|
| Mast cells and regulation by<br>UVA of UVB-induced systemic<br>immunosuppression   | PH Hart   | \$6,000              | 1998         | Flinders 2000  |
| Mast cells and regulation of<br>UVB-induced systemic<br>immunosuppression by UVA   | PH Hart<br>JJ Finlay-Jones  | \$51,286             | 1998         | Anti-Cancer Fdn of<br>SA                                     |
| Mast cells determine<br>susceptibility to UVB for<br>systemic immunomodulation   | PH Hart<br>JJ Finlay-Jones  | \$59,426             | 1999         | Anti-Cancer Fdn of<br>SA                                     |
| Towards a better understanding<br>of the regulation of, and<br>dysfunction in, a macrophage<br>receptor chain for multiple<br>cytokines in arthritis | PH Hart   | \$8,000              | 1999         | Arthritis Fdn  |
| Contribution to purchase of<br>Model 9700 GeneAmp Thermal<br>Cycler  | PH Hart<br>JJ Finlay-Jones  | \$5,500              | 1999         | Flinders 2000  |
| The anti-inflammatory activity<br>of tea tree oil in vitro   | JJ Finlay-Jones,<br>PH Hart<br>TV Riley<br>CF Carson                          | \$58,599             | 1999         | Rural Industries<br>Research &<br>Development<br>Corporation |
| The anti-inflammatory activity of tea tree oil   | JJ Finlay-Jones,<br>PH Hart<br>TV Riley<br>CF Carson                          | \$61,479             | 2000         | Rural Industries<br>Research &<br>Development<br>Corporation |
| A dysfunctional receptor chain<br>for multiple cytokines on<br>inflammatory macrophages in<br>arthritis  | PH Hart   | \$10,000             | 2000         | Arthritis Fdn  |
| UVB-induced<br>immunomodulation and mast<br>cell heterogeneity in human<br>skin  | PH Hart   | \$4000               | 2000         | FMC Foundation   |
| Development of human<br>melanoma and dermal mast cell<br>prevalence: are they related?   | PH Hart<br>G Marshman<br>MA Grimbaldeston<br>JJ Finlay-Jones                  | \$8,000              | 2001         | FMC Foundation   |
| The anti-inflammatory and anti-<br>itch properties of tea tree oil   | JJ Finlay-Jones,<br>PH Hart<br>TV Riley<br>CF Carson                          | \$68,529<br>\$68,529 | 2001<br>2002 | Rural Industries<br>Research &<br>Development<br>Corporation |
| Is a high dermal mast cell<br>prevalence a significant<br>predisposing factor for human<br>melanomas?  | PH Hart<br>G Marshman, B<br>Coventry, MA<br>Grimbaldeston, JJ<br>Finlay-Jones | \$58,857             | 2001         | Anti-Cancer Fdn of<br>SA                                     |
| Cytokine gene polymorphisms,<br>infection and preterm birth  | HM McDonald PH<br>Hart<br>JS Robinson<br>MA Annells<br>C Mullighan            | \$40,000<br>\$44,000 | 2001<br>2002 | Channel 7<br>Childrens Research<br>Fdn of SA                 |
| Can tea tree oil reduce the oedema of rat lung injury?   | PH Hart<br>JJ Finlay-Jones<br>K Davidson                                      | \$4,173              | 2002         | FMC Foundation   |
| Effects of tea tree oil on post<br>mastectomy lymphoedema of<br>the arm  | A Pearce<br>PH Hart<br>N Piller   | \$16,143             | 2002         | Lyn Wrigley Trust  |
| Adelaide high-speed cell sorter<br>and analyser  | SR McColl<br>PH Hart<br>RA McKinnon   | \$478,000            | 2003         | ARC Linkage-<br>Infrastructure<br>Equipment                  |

|  | I   | 1         | 1         |   |
|--|---|-----------|-----------|---|
|  | GB Fincher  |           |           |   |
|  | RI Richards                                       |           |           |   |
| Mechanisms of reduced airway<br>hyperresponsiveness by<br>ultraviolet light  | PH Hart<br>DJ Turner                              | \$45,000  | 2006      | Asthma Fdn of WA                          |
| Regulatory T cells and<br>modulation by UVB radiation<br>of both type 1 and type 2<br>immune responses                   | PH Hart<br>JJ Finlay-Jones                        | \$55,000  | 2006      | Cancer Council WA                         |
| Immune regulatory cells in<br>lymph nodes regional to sites of<br>erythemal UVB-irradiation                              | PH Hart<br>JJ Finlay-Jones<br>S Gorman            | \$60,000  | 2007      | Cancer Council WA                         |
| Vitamin D, regulatory T cells<br>and their relevance to<br>immunoregulation  | PH Hart<br>S Gorman<br>JJ Finlay-Jones<br>R Mason | \$70,000  | 2008      | Cancer Council WA                         |
| Control of inflammatory<br>mechanisms in human<br>monocytes and synovial fluid<br>macrophages                            | CM Prele<br>PH Hart                               | \$45,000  | 2008      | Arthritis Australia                       |
| Does vitamin D deficiency in<br>utero and early childhood<br>increase the severity of asthma?                            | S Gorman<br>PH Hart                               | \$22,500  | 2009      | Asthma Fdn of WA                          |
| The effects of vitamin D<br>deficiency in utero and early<br>childhood on asthma severity                                | S Gorman<br>PH Hart                               | \$150,000 | 2010-2011 | Raine Fdn Priming<br>Grant                |
| Maternal vitamin D, neonatal<br>immune response and the<br>development of recurrent<br>wheeze in infancy                 | P Franklin, PH<br>Hart, G Hall, P<br>Stumbles     | \$30,000  | 2010      | Asthma Bequest,<br>UWA                    |
| UV-induced vitamin D3 and<br>control of skin inflammation<br>and allergic airways disease                                | PH Hart, S<br>Gorman, M Fear                      | \$90,000  | 2011-12   | Cancer Council WA                         |
| Can tolerogenic bone marrow-<br>derived dendritic cells be<br>boosted in inflammatory<br>airways disease?                | PH Hart, DH<br>Strickland                         | \$18,200  | 2011-12   | Asthma Fdn WA                             |
| SEDS: Sun exposure versus<br>vitamin D supplementation for<br>human health   | R Lucas, R Neale,<br>PH Hart, et al               | \$582,911 | 2013-2015 | Cancer Australia                          |
| Investigating relationships<br>between vitamin D status and<br>asthma and allergy<br>development throughout<br>childhood | EM Hollams, PH<br>Hart, B Zhang, PG<br>Holt       | \$55,000  | 2013      | Asthma Australia                          |
| Epigenetic changes to dendritic<br>cell progenitors in the bone<br>marrow of mice with<br>inflammatory airways           | PH Hart   | \$26,175  | 2013-14   | Asthma Fdn WA                             |
| A novel immune component of<br>the susceptibility formula for<br>melanoma  | PH Hart<br>S Gorman                               | \$75,000  | 2014      | Scott Kirkbride<br>Melanoma<br>Foundation |
| Developing a protocol and<br>assay to measure<br>25-hydroxyvitamin D levels in<br>saliva                                 | LJ Black, S<br>Gorman, Hart PH<br>et al           | \$24,550  | 2015      | Telethon Kids<br>Institute                |
| Regulation of chronic graft-<br>versus-host disease with<br>prostaglandin E2-pulsed<br>macrophage progenitor cells       | PH Hart<br>FJ Pixley                              | \$100,000 | 2016      | Cancer Council WA                         |
| The influence of infant outdoor<br>time on early immune health   | S Prescott, D<br>Palmer, PH Hart                  | \$18,890  | 2016      | Princess Margaret<br>Hospital Seeding     |

|                              |                    |           |         | Grant            |  |
|------------------------------|--------------------|-----------|---------|------------------|--|
| A pilot study of UV light    | PA McCombe, N      | \$163,000 | 2017-18 | The Wesley       |  |
| therapy to improve outcome   | Saines, PH Hart, J |           |         | Medical Research |  |
| after acute ischaemic stroke | Greer              |           |         | Foundation       |  |

## 10. Conference Presentations since 1998

## A. INTERNATIONAL Invited Conference Presentation -

- 1999 July American Society for Photobiology Annual meeting, Washington DC, Chair and Symposium speaker US \$1000 support
- 2000 July 13th International Congress on Photobiology, San Francisco, Chair and Symposium speaker US \$1000 support
- 2001 July American Society for Photobiology Annual meeting, Chicago, Symposium speaker
- 2001 August World Congress for Microcirculation, Sydney, Symposium speaker
- 2004 July American Society for Photobiology Annual meeting, Seattle, USA, Symposium speaker
- 2006 July American Society for Photobiology Biennial meeting, Puerto Rico, Organiser, Chair and Symposium speaker
- 2006 November 3<sup>rd</sup> Asia Oceania Conference on Photobiology, Beijing, China, Chair and Symposium speaker
- 2007 September European Society for Photobiology, Bath, UK, Chair and Symposium speaker.
- 2007 November Plenary Speaker, International Symposium, Effects of UV radiation on human health and UV protection, Nara, Japan. \*\*Sole international speaker, all expenses paid.
- 2011 September European Society for Photobiology 14th Congress, Geneva. Invited symposium speaker
- 2011 December -Japanese Society for Investigative Dermatology (JSID)-Asia-Oceania Symposium, held in conjunction with the meeting of the JSID (9-11 Dec), Kyoto, Japan. Invited 30 minute symposium talk, \*\*\*Accommodation and Registration provided plus A\$2,000.
- 2013 September European Society for Photobiology 15<sup>th</sup> Congress, Belgium, Invited speaker in 2 separate symposia, 1000 Euro honorarium
- 2013 November Asia Oceania Conference on Photobiology, Sydney, invited Symposium speaker (50% reduction in registration)
- 2014 September International Photobiology Congress, Cordoba, Argentina, Invited Symposium speaker (free registration)
- 2015 September European Society for Photobiology, Portugal, Invited Keynote Lecture (450 Euro honorarium plus free registration)
- 2017 September European Society for Photobiology, Pisa, Italy, Invited Symposium speaker (free registration), PHH is chair and symposium organiser.

# **B.** International Conference Presentation. Submitted abstract chosen for oral presentation (symposium/ workshop)

- 1998 April Experimental Biology (FASEB), San Francisco.
- 2002 May 31st Annual Meeting of the European Histamine Research Society, Eger, Hungary.
- 2017 June Frontiers in MS Research, June, Edinburgh, UK.

2017 July - 13th World Congress on Inflammation. London.

#### C. International Conference. Poster Presentation

- 1998 April Experimental Biology (FASEB), San Francisco.
- 2004 March Keystone Symposium on Mast Cells, Taos, New Mexico.

2009 June - 15th International Congress on Photobiology, Dusseldorf, Germany.

- 2011 April Keystone Symposium 'Immunoregulatory networks' Beaver Run Resort, Breckenridge, Colorado, USA.
- 2012 October DC2012, Daegu, Korea
- 2013 August International Immunology Congress, Milan, Italy
- 2016 August International Immunology Congress, Melbourne, Australia

## D. Invited International Institutional/ Departmental Presentations \* Honorarium

1998 April - Division of Cytokine Biology, Centre for Biologics Evaluation and Research, Food and Drug Administration, Rockville, MD, Seminar, (Guest of Dr RP Donnelly, **\*Honorarium \$US 250**)

- 1998 April Dept Dermatology, George Washington University, Washington DC, Seminar (Guest of Prof FP Noonan)
- 2004 March Dept Pathology, Stanford University, Stanford, California, Seminar (Guest of Prof S Galli, **\*Honorarium \$US 500**).

#### NATIONAL Presentation since 1988

(including talks in Adelaide/Perth at other than own institution)
ASI = Australasian Society for Immunology
ASMR = Australian Society for Medical Research
ASDR = Australian Society for Dermatology Research
AWTRS = Australasian Wound and Tissue Repair Society
QIMR = Queensland Institute for Medical Research
IMVS = Institute of Medical and Veterinary Science
MEPSA = Mutagenesis and Experimental Pathology Society of Australasia
AHMRC – Australian Health and Medical Research Congress

<u>Summary</u>: I have been an invited speaker at several major Research Institutes including the QIMR (Aug 2013), the Howard Florey Institute (1998), the IMVS (multiple times pre-2003), the Child Health Research Institute (Adelaide) (multiple times pre-2003), the Centre for Immunology & Cancer Research (Brisbane)(1997), the Austin Research Institute (1999), the Garvan Institute (2000), the Telethon Institute for Child Health Research/Telethon Kids Institute (2001 before invitation to relocate), the Macfarlane Burnet Institute for Medical Research & Public Health (2004), the Centenary Institute (2010) and the Women's and Childrens Hospital in Adelaide (2011). I have been an invited ASI-sponsored speaker to Hobart (2000) and to Astra Zeneca at Griffith University (2005). I personally have delivered symposia talks to ASI, ASMR, ComBio, NARF at the Australian Health & Medical Research Congress, MEPSA and ASDR; my staff and PhD students have been regular presenters at ASI, ASMR and ASDR.

#### E. Invited Plenary/Keynote speaker at a Conference

- **2012 December -** Plenary speaker, Australasian Society for Immunology, Melbourne. *Modulation of the immune system by UV radiation: more than just the effects of vitamin D*
- **2015** October Keynote speaker, Progress in MS Research, MS Research Australia, Melbourne (all expenses paid)
- **2015** November Keynote speaker, National Inflammation Meeting, Brisbane (all expenses paid)
- **2016** November *Keynote speaker*, MEPSA/AWTRS, Melbourne (\$2000)

## F. Invited Symposium speaker at a Conference

- 1998 December ASI/Society for Leukocyte and Inflammation Research, Melbourne.
- 1999 September ComBio, Gold Coast
- December Oxidative Pathways in Health and Disease, University of Sydney
- 2000 September The Queen Elizabeth Hospital Research Day on Asthma, Adelaide December Prevention of melanoma and skin cancer conference, QIMR, Brisbane
- 2002 February –Macrophage Lineage Cells and Chronic Inflammatory Diseases, Lorne, Victoria November – NARF Symposium speaker, The Australian Health & Medical Research Congress, Melbourne
- 2004 May -ASDR Inaugural Meeting, Darling Harbour, Sydney
- 2005 September Australasian Rheumatology Association, WA Branch, Annual Scientific Meeting, Perth.
- 2006 November AHMRC Congress, MEPSA programme.
- 2007 September COMBIO, Sydney
- 2008 May ASDR, Sydney September - Cancer Council WA conference. November - Professional Development Programme, ASMR, Perth
- 2009 March KeyNote Address, Lung Institute of WA 10<sup>th</sup> Birthday 2-day symposium. November - MEPSA, Sydney
- 2010 March Australian Wound and Tissue Repair Society Annual Scientific Conference, Perth November AHMRC/MEPSA Melbourne.
- 2011 October Aust Thoracic Society, WA Branch, Invited speaker, Mandurah, WA.
- 2012 July ASCIA WA conference, Perth Zoo.
- 2012 November Invited speaker, UWA Population Health Postgraduate Society, Perth.
- 2012 November MEPSA/AHMRC, Adelaide
- 2012 November Inflammation Conference, Melbourne
- 2013 May Australasian Society for Dermatology Research Annual Conference, Sydney May - Australian Rheumatology Association Annual Scientific Conference, Perth

- 2014 October- National SKMRF Melanoma Conference, Perth November- MEPSA/AHMRC, Melbourne
- 2017 November, ASI, Brisbane (declined)
- 2017 December MEPSA, Melbourne

#### F. Oral conference presentation chosen from submitted abstract

- 2001 November MEPSA, Sydney
- 2002 December MEPSA, Hobart.
- 2005 November MEPSA, Adelaide.
- 2008 December ASI, Canberra.
- 2013 November Progress in MS Research, Sydney.
- 2015 November Immunotherapy conference, Brisbane.
- 2017 October Progress in MS Research, MS Research Australia, Sydney.

#### G. Invited Institute or Department Seminar/ Professional Group Presentation (\*expenses paid)

| 1998 | March - Rheumatology Association, Adelaide   |
|------|--|
| 1999 | March – Child Health Research Institute, Adelaide  |
|      | August –Dept O&G (TQEH), University of Adelaide  |
|      | September, Austin Research Institute, Heidelberg, Melbourne (weekly seminar series)*                 |
|      | November - Dept Physiology, University of Adelaide   |
| 2000 | September 29 - Invited Guest (and speaker) of the Australasian Society for Immunology in Hobart**    |
|      | all expenses paid  |
|      | December 12 – Garvan Institute, Sydney   |
| 2001 | October – TVW Telethon Institute for Child Health Research, Perth (before relocation)                |
| 2003 | April – Invited speaker, Postgraduate Training Course, Australian Thoracic Society meeting, Perth,   |
|      | talk on Effective Presentation   |
|      | June – Visiting speaker, Natural Products Division, Astra-Zeneca, Griffith University** all expenses |
|      | paid   |
| 2008 | May – PathWest Seminar Series, QEII Hospital, Perth.   |
|      | July – Centenary Institute, Sydney, NSW. **all expenses paid   |
|      | August – Microbiology Dept Seminar Series, UWA.  |
|      | August – Professional Development Programme, ASMR, Perth.  |
| 2010 | April – International Day of Immunology, public lecture, Scitech, West Perth                         |
|      | June – Dept Immunopathology, Womens and Childrens Hospital, Adelaide ** all expenses paid            |
|      | August – WABRI seminar series, Curtin University   |
|      | October – Public Lecture, Perth Town Hall, Vitamin D and Melanoma                                    |
| 2011 | July – Public Lecture, TICHR on Vitamin D and Health   |
| 2012 | August - Departmental seminar, Microbiology, UWA   |
| 2013 | June – Invited seminar, Curtin University  |
|      | June – Invited seminar, Immunology and Infectious Diseases, Murdoch University                       |
|      | August – Invited speaker, QIMR Seminar Series ** all expenses paid                                   |
|      | October – Invited breakfast speaker to health professionals, Osteoporosis Week.                      |

2014 June-Endocrinology Forum, SCGH, Nedlands August-Lung Club, SCGH, Nedlands

Session Chair/Conference Organiser for National Meetings:

Multiple but listed those since relocating to Perth mid 2003 (and does not include chairing at local annual ASMR meetings during Medical Research Week)

- 2003 December Chair, Cell Signalling Symposium, ASI, Perth
- 2004 December Chair & Organiser, Allergy, Asthma and Inflammation Symposium, ASI, Adelaide

 2005 May- Chair, Symposium, ASDR, Perth August - Chair, Symposium, World Inflammation Conference, Melbourne November - Chair, Symposium, MEPSA, Adelaide December - Chair, Allergy, Asthma and Inflammation Symposium, ASI, Melbourne

- 2006 November Chair, AHMRC/MEPSA, Melbourne
- 2007 December Chair, MEPSA, Hobart.

- 2008 November Chair, AHMRC/MEPSA, Brisbane.
- 2009 May Chair, ASDR November - MEPSA
- 2010 November AHMRC/MEPSA (organiser and chair of Photoimmunology, invited and hosted Prof Jan Dutz from University of British Colombia)
- 2010 December ASI, I organised and chaired a symposium sponsored by TICHR. I organised and hosted the visit of Prof FY Liew from Glasgow for TICHR symposium at ASI, and a day at TICHR beforehand.

December - ASI - Co-organiser of Tumour Immunology Workshop.

- 2011 May -ASDR, Chair Organising Committee for Annual Scientific Conference, Convention Centre, Perth.
- 2012 May ASDR, Member, Organising Committee for Annual Scientific Conference, Sydney.
- 2013 May ASDR, Member, Organising Committee for Annual Scientific Conference, Sydney.
- 2013 October Combio, Co-chair and organiser, Inflammation Symposium, Perth.
- 2013 November Asia-Oceania Conference on Photobiology, Sydney, Chair of Plenary Session.
- 2014 November Session chair, ASMR Congress, Melbourne.
- 2015 November Session chair, Immunotherapy meeting, Brisbane.
- 2016 November Session chair, MEPSA/AWTRS joint conference, Melbourne.