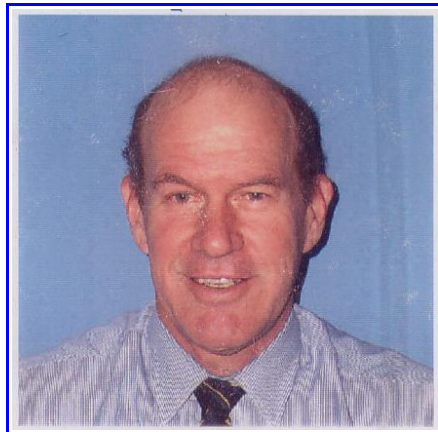


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## **CURRICULUM VITAE**

Peter Neils Le **SOUËF**

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**1. PERSONAL DETAILS**

- 1.1 **NAME:** Peter Neils **Le SOUËF**
- 1.2 **PROFESSIONAL ADDRESS:**  
 School of Paediatrics and Child Health  
 Princess Margaret Hospital for Children  
 GPO Box D184, Perth, WA  
 AUSTRALIA 6840
- 1.3 **HOME ADDRESS:** 36 Thomas St, Nedlands, WA, AUSTRALIA 6009
- 1.4 **TELEPHONE, FAX and EMAIL:**  
 Work: +61 8 9340 8173  
 Mobile: +61 (0)419 915 795  
 Home: +61 8 9386 2647  
 Fax: +61 8 9388 2097  
 email: plesouef@meddent.uwa.edu.au
- 1.5 **DATE AND PLACE OF BIRTH:**  
 10th December 1948 Burnie, Tasmania, Australia
- 1.6 **CITIZENSHIP:** Australian  
*Married 1972:*  
 Susan Elizabeth Le Souëf BA (1<sup>st</sup> class Hons) MA (Toronto) LLB born 16-03-52  
*Children*  
 Timothy James Le Souëf BSc (1<sup>st</sup> class Hons) BEng (1<sup>st</sup> class Hons) born 03-05-79  
 Anna Thelse Le Souëf BSc (1<sup>st</sup> class Hons) BVetSc born 17-03-81  
 Kate Elizabeth Le Souëf BSc, BEng (1<sup>st</sup> class Hons) born 11-04-84
- 1.7 **EDUCATION:** Secondary: 1961-65 Wesley College, South Perth, WA  
 Tertiary: 1966-71 University of Western Australia
- 1.8 **QUALIFICATIONS:** MBBS University of Western Australia 1972  
 MRCP Royal College of Physicians (United Kingdom) 1977  
 FRACP Royal Australasian College of Physicians 1980  
 MD University of Western Australia 1985
- 1.9 **SPORTING ACHIEVEMENTS** - Rowing:  
 UWA Interschool eight (Oxford & Cambridge Cup): 1966,67,68,70  
 Western Australian State eight (Kings Cup): 1968,69,71  
 WA State champion: coxed four 1968, coxless four 1968, eight 1970  
 Full Blue University of WA 1968  
 Oarsman of the Year University of WA Boat Club 1970
- 1.10 **SCHOLARSHIPS:** State Gov't 2<sup>nd</sup>ary School Scholarship (top 40 students in WA) 1964-5  
 State Government Student Vacation Research Scholarship 1970  
 Royal Australasian College of Physicians Research Fellowship 1981  
 FA Hadley Research Scholarship (Uni of WA) 1981  
 Saw Medical Research Fellowship (Uni of WA) 1982  
 Jansen-Cilag Travelling Fellowship 1986
- 1.11 **NATIONAL AWARD:**  
*John Sands Medal 2007*  
 Royal Australasian College of Physicians  
 for: "outstanding contribution to College affairs"  
 Presented in Melbourne 6 May 2007
- 1.12 **INTERNATIONAL AWARDS:**  
*Founder President's Award*  
 for: "Distinguished Achievements in Pediatric Respiratory Sciences"  
 Congres International de Pneumologie Pediatrique  
 Presented in Nice, France 20 February 2002  
*International Society for Aerosols in Medicine (ISAM) Medal*

for: Role as President of the Organizing Committee of the  
15th International Congress of the ISAM, Perth, Australia 14-18 March 2005

| SUMMARY of MAJOR RESEARCH ACTIVITIES |  |   | number     |
|--------------------------------------|--|---|------------|
| 2.10                                 | Journal manuscripts reviewed for                     | number of journals                              | 37         |
| 2.11                                 | Research grants reviewed for                         | national granting bodies                        | 16         |
|                                      |  | international granting bodies                   | 13         |
| 3.2                                  | <b>Publications</b>                                  | <b>peer-reviewed papers</b>                     | <b>195</b> |
|                                      |  | book chapters                                   | 22         |
| 4                                    | <b>Research grants</b>                               | <b>peer-reviewed grants</b>                     | <b>48</b>  |
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| 5                                    | <b>Invited lectures</b>                              | national scientific meetings                    | 30         |
|                                      |  | <b>international scientific meetings</b>        | <b>153</b> |
|                                      |  | <b>international universities, institutions</b> | <b>37</b>  |
|                                      |  | international meetings - industry               | 17         |
| 6                                    | Chaired sessions                                     | national scientific meetings                    | 6          |
|                                      |  | international scientific meetings               | 34         |
| 8                                    | <b>Supervision</b> - principal supervisor, completed | BSc (honours)                                   | 6          |
|                                      |  | <b>PhD</b>                                      | <b>9</b>   |
|                                      |  | <b>MD</b>                                       | <b>3</b>   |
|                                      | Current - principal supervisor                       | PhD   | 3          |

## 2. PROFESSIONAL DETAILS

### SUMMARY OF CURRENT MAJOR PROFESSIONAL ACTIVITIES:

- ① Head School of Paediatrics and Child Health, UWA
- ② Consultant Physician Department of Respiratory Medicine, PMH

### 2.1 CURRENT APPOINTMENTS:

- **Winthrop Professor of Paediatrics**  
**Head of School**  
School of Paediatrics and Child Health  
Faculty of Medicine, Dentistry and Health Sciences  
UNIVERSITY OF WESTERN AUSTRALIA
- **Consultant Respiratory Physician**  
Department of Respiratory Medicine  
PRINCESS MARGARET HOSPITAL FOR CHILDREN

### 2.2 EMPLOYMENT RECORD:

- 1972 Resident Medical Officer - intern year
- 1973 Senior Resident Medical Officer - ICU, anaesthetics  
QUEEN ELIZABETH MEDICAL CENTRE, PERTH, WA
- 1973 Senior Resident Medical Office - paediatrics  
PRINCESS MARGARET HOSPITAL FOR CHILDREN, PERTH, WA
- 1974 - 1975 House Physician - paediatrics (Prof LB Strang)
- 1975 Senior House Officer - neonatology (Prof EOR Reynolds)
- 1976 - 1977 Research Registrar - neonatology (Prof EOR Reynolds)  
UNIVERSITY COLLEGE HOSPITAL, LONDON, UK
- 1978 Senior Registrar - neonatology  
KING EDWARD MEMORIAL HOSPITAL FOR WOMEN, PERTH, WA
- 1979 Medical Registrar - paediatrics
- 1979 - 1980 Senior Registrar - emergency, developmental, neonatology

- 1981 - 1983 PRINCESS MARGARET HOSPITAL FOR CHILDREN, PERTH, WA  
Research Fellow - respiratory physiology (Prof AC Bryan)  
THE HOSPITAL FOR SICK CHILDREN, TORONTO, CANADA
- 1983 - 1984 Research Fellow - paediatric respiratory medicine (Prof PD Phelan)  
ROYAL CHILDREN'S HOSPITAL, MELBOURNE, VICTORIA
- 1984 - present Respiratory Physician  
Department of Respiratory Medicine  
PRINCESS MARGARET HOSPITAL FOR CHILDREN, PERTH, WA
- 1984 - 1998 Founding Head of Department  
Department of Respiratory Medicine  
PRINCESS MARGARET HOSPITAL FOR CHILDREN, PERTH, WA
- 1985 - 1992 Senior Lecturer  
Department of Paediatrics  
UNIVERSITY OF WESTERN AUSTRALIA
- 1987 - 1990 Head of Department  
Department of Paediatrics  
UNIVERSITY OF WESTERN AUSTRALIA
- 1991 Visiting Research Fellow, Asthma Genetics Group  
OXFORD UNIVERSITY, UK
- 1992 - 1993 Acting Head of Department  
Department of Paediatrics  
UNIVERSITY OF WESTERN AUSTRALIA
- 1992 - 1998 Associate Professor  
Department of Paediatrics  
UNIVERSITY OF WESTERN AUSTRALIA
- 1993 - present Honorary Research Fellow  
INSTITUTE OF CHILD HEALTH RESEARCH, PERTH, WA
- 1998 - 2001 Head of Department  
Department of Paediatrics  
UNIVERSITY OF WESTERN AUSTRALIA
- 1998 - present Professor of Paediatrics  
School of Paediatrics and Child Health  
UNIVERSITY OF WESTERN AUSTRALIA
- 2004 - Head of School  
School of Paediatrics and Child Health  
UNIVERSITY OF WESTERN AUSTRALIA

### 2.3 **POSTGRADUATE RESEARCH FELLOWSHIPS:**

- 1976 - 1977 University College Hospital, London University, London, UK
- 1981 - 1983 Hospital for Sick Children, University of Toronto, Canada
- 1983 - 1984 Royal Children's Hospital, Melbourne, Australia
- 1991 Oxford University, Oxford, UK

### 2.4 **COMMITTEES:**

#### 2.4.1 **STATE COMMITTEES:**

- 1980 Western Australian Branch Committee  
Royal Australasian College of Physicians
- 1984 - 2002 Medical and Scientific Advisory Committee  
Asthma Foundation of WA
- 1989 - 1990 Research Subcommittee,  
Asthma Foundation of WA
- 1987 - 1990 WA Branch Committee  
Thoracic Society of Australia and New Zealand
- 1992 - 1994 Litigation Committee

|             |  |
|-------------|--|
| 1992        | Australian Council on Smoking and Health<br>Research Grant Review Subcommittee<br>Telethon Foundation      |
| 1992 - 1993 | Board of Management, Deputising Member<br>Princess Margaret Hospital for Children                          |
| 1993 - 1996 | Executive Committee, WA Branch<br>Thoracic Society of Australia and New Zealand                            |
| 1994 - 1996 | Health Advisory Committee, Deputising Member<br>West Australian Health Promotion Foundation                |
| 1994 - 1996 | Healthway Board, Deputising Member<br>West Australian Health Promotion Foundation                          |
| 1996 - 1997 | Task Force on Passive Smoking<br>Office of the Minister of Health<br>State Government of Western Australia |
| 1997 - 2000 | Health Advisory Committee<br>West Australian Health Promotion Foundation                                   |
| 1997 - 2000 | Healthway Board<br>West Australian Health Promotion Foundation   |
| 1998 - 1999 | Research Committee<br>Foundation for Advanced Medical Research<br>Queen Elizabeth II Medical Centre        |
| 2001 -      | Health Advisory Committee, Deputising Member<br>West Australian Health Promotion Foundation                |
| 2001 -      | Healthway Board, Deputising Member<br>West Australian Health Promotion Foundation                          |
| 2002 - 2003 | Chairman of Interim Executive Committee<br>Clinical Academic Staff Association                             |
| 2003 - 2005 | Founding Chairman<br>Clinical Academic Staff Association   |
| 2005 - 2008 | Executive Committee<br>Clinical Senate, Department of Health, WA   |

#### 2.4.2 **NATIONAL COMMITTEES:**

|                |  |
|----------------|--|
| 1984 - 1988    | Councillor<br>Paediatric Research Society of Australia   |
| 1984 - present | Councillor<br>Australian Council on Smoking and Health   |
| 1985 - 1990    | Committee Member<br>Executive Committee<br>Australian Council on Smoking and Health  |
| 1987 - 1990    | Committee Member<br>Specialist Advisory Committee in Paediatrics<br>Royal Australasian College of Physicians                     |
| 1987 - 1990    | Director<br>Physician Training for Paediatrics, Western Australia<br>Royal Australasian College of Physicians                    |
| 1987 - 1993    | Member of Court of Clinical Examiners<br>Royal Australasian College of Physicians  |
| 1994 - 2001    | Committee Member<br>Committee for Examinations<br>Royal Australasian College of Physicians                                       |
| 1995 - 2001    | Committee Member<br>Australian Board of Paediatric Censors<br>Royal Australasian College of Physicians                           |
| 1998 - 2001    | Deputy Chairman<br>Committee for Examinations<br>Royal Australasian College of Physicians  |
| 1999 - 2001    | Committee Member<br>Implementation Committee, RACP Review of Training and Assessment<br>Royal Australasian College of Physicians |

|              |  |
|--------------|--|
| 2002 - 2005  | President<br>Australian Council on Smoking and Health  |
| 2004         | NHMRC Grant Panel Review Member – Fetal, Paediatrics and Respiratory<br>National Health and Medical Research Council |
| 2005         | Acting Chairman<br>Australian Council on Smoking and Health  |
| 2005         | NHMRC Grant Panel Review Member – Respiratory and Sleep<br>National Health and Medical Research Council              |
| 2005–present | Councillor, AMA and AFWA representative<br>Australian Council on Smoking and Health                                  |
| 2006         | NHMRC Grant Panel Review Member – Inflammation<br>National Health and Medical Research Council                       |
| 2007         | NHMRC Grant Panel Review Member – Respiratory and Sleep<br>National Health and Medical Research Council              |
| 2008         | NHMRC Grant Panel Review Member – Respiratory and Sleep<br>National Health and Medical Research Council              |

#### **NATIONAL COMMITTEES - ORGANISING COMMITTEES FOR CONFERENCES**

|             |  |
|-------------|--|
| 1989 - 1990 | Committee Member, Thoracic Society of Australia & New Zealand<br>Advanced Course- Assessment of Asthma<br>Broome, September 1991 |
| 1995 - 1996 | Committee Member, Thoracic Society of Australia and New Zealand<br>Annual Scientific Meeting<br>Perth, March 1996                |

#### 2.4.3 **INTERNATIONAL COMMITTEES OR BOARDS:**

|             |   |
|-------------|---|
| 1991        | Committee Member<br><b>American Thoracic Society</b> Committee on Infant Lung Function  |
| 1992 - 1993 | Committee Member<br><b>American Thoracic Society/European Respiratory Society</b> Committee on<br>Infant Lung Function  |
| 1992 - 1993 | Chairman<br>Future Directions Sub-committee<br><b>American Thoracic Society/European Respiratory Society</b> Committee on<br>Infant Lung Function   |
| 1993 - 1995 | Board Member<br><b>International Society for Aerosols in Medicine</b>   |
| 1993 - 1996 | Committee Member<br>Long Range Planning Committee, Pediatric Assembly<br><b>American Thoracic Society</b>   |
| 1999        | Committee Member<br>International Society of Aerosols in Medicine Awards Committee<br><b>International Society of Aerosols in Medicine</b>  |
| 2000 - 2001 | Chairman<br>International Society of Aerosols in Medicine Awards Committee<br><b>International Society of Aerosols in Medicine</b>  |
| 2006        | Member of Special Emphasis Panel<br>National Institute of Allergy and Infectious Diseases (NIAID) Asthma and<br>Allergic Diseases Cooperative Research Centers (AADCRC)<br><b>National Institutes of Health (NIH)</b><br>Washington, USA, 8–10 March 2006 |
| 2007        | Member of Special Emphasis Panel<br>National Institute of Allergy and Infectious Diseases, Asthma and<br>Allergic Diseases Cooperative Research Centers<br><b>National Institutes of Health</b><br>Washington, USA, 16-18 October 2007                    |
| 2008-       | Research Council<br><b>World Allergy Organization</b>   |
| 2009 -      | National Delegate for Australia (from 26 September 2009)<br><b>European Respiratory Society</b>   |

#### **INTERNATIONAL COMMITTEES - ORGANISING COMMITTEES FOR CONFERENCES**

- 1993 - 1995 Organizing Committee Member  
**International Society for Aerosols in Medicine Scientific Meeting** Hamilton, Canada, May 1995
- 1998 - 2000 Organizing Committee Member  
**Congress of Pediatric Pulmonology (CIPP IV)** Nice, France, 21-24 February 2000
- 2001 - 2005 Chairman  
Organizing Committee of ISAM 2005 Congress  
**International Society for Aerosols in Medicine Scientific Meeting** Perth, Australia 14-18th March 2005
- 2008 - Organizing Committee  
1st WAO Global Conference on Pediatric Asthma  
World Allergy Organization's biannual  
**World Allergy Congress** 6-10  
December 2009
- 2008 - International Advisory Board Representative  
**Congress of Pediatric Pulmonology (CIPP IX)** Vienna 19-21 June 2010

## 2.5 EDITORIAL BOARDS OR EDITORSHIP:

- **Editorial Board:**  
1998 - present Editorial Board – Thorax
- **Editorial Councillor:**  
1992 – 1993 Councillor for Southern Hemisphere - Pediatric Pulmonology
- **Associate Editor:**  
1993 - 2001 Associate Editor, Asia & Southern Hemisphere - Pediatric Pulmonology  
1999 - 2008 Associate Editor – European Respiratory Journal
- **Section Head Editor**  
2006 – 2008 Paediatrics, European Respiratory Journal
- **International Advisory Board**  
2009 - European Respiratory Journal

## 2.6 UNIVERSITY DEPARTMENTAL REVIEWS:

1995 Department of General Practice, University of Western Australia

## 2.7 VISITING PROFESSORSHIPS - RESEARCH

3<sup>rd</sup> – 7<sup>th</sup> October 2005 Groningen University  
Groningen, The Netherlands

TBA February 2010 George Polgar Visiting Professor  
Children's Hospital of Philadelphia

## 2.8 INVITED VISITING PROFESSORSHIPS FOR EXAMINATIONS

**MBBS**  
University of Hong Kong, Hong Kong 26-30<sup>th</sup> March 2007

**PhD**  
Erasmus University, Rotterdam, the Netherlands 18<sup>th</sup> September 2001  
University of Groningen, Utrecht, the Netherlands 7<sup>th</sup> November 2005

**MMed(Paediatrics)**  
University of Malaya 12-16 November 2007

## 2.9 MEMBERSHIP OF PROFESSIONAL SOCIETIES

- American Thoracic Society
- Australian Medical Association
- Australasian Society of Clinical Immunology & Allergy
- European Respiratory Society
- International Society for Aerosols in Medicine
- Royal Australasian College of Physicians
- Thoracic Society of Australia and New Zealand

## 2.10 JOURNAL MANUSCRIPTS REVIEWED FOR:

1. Acta Tropica
2. Allergy
3. American Review of Respiratory Disease
4. American Journal of Respiratory and Critical Care Medicine
5. American Journal of Physiology - Lung Cellular Molecular Physiology
6. Archives of Disease in Childhood
7. BMC Medical Genetics
8. BMC Pediatrics
9. Chest
10. Clinical and Experimental Pharmacology and Physiology
11. Clinical & Experimental Immunology
12. Current Drug Targets - Inflammation and Allergy
13. European Respiratory Journal
14. Experimental and Clinical Allergy
15. Experimental Physiology
16. Human Molecular Genetics
17. Journal of Allergy and Clinical Immunology
18. Journal of Dermatological Science
19. Journal of Paediatrics & Child Health
20. Journal of Applied Physiology
21. Journal of Clinical Immunology
22. Journal of Pediatrics
23. Journal of Respiratory Care
24. International Archives of Allergy and Immunology
25. Lancet
26. [Medical Science Monitor](#)
27. New England Journal of Medicine
28. Pediatric Allergy and Immunology
29. Pediatric Pulmonology
30. Pediatric Research
31. Pediatrics
32. Pulmonary Pharmacology and Therapeutics
33. Respirology
34. Swiss Medical Weekly
35. Thorax
36. Tissue Antigens
37. World Allergy Organization Journal

#### 2.11 **RESEARCH GRANT APPLICATIONS REVIEWED FOR:**

##### **National:**

1. Asthma Foundation of Queensland
2. Asthma Foundation of NSW
3. Asthma Foundation of SA
4. Asthma Foundation of Victoria
5. Commonwealth Department of Human Services and Health
6. Community Health and Anti-Tuberculosis Association
7. Cystic Fibrosis Association of Australia
8. Medical Research Fund of Western Australia
9. National Health and Medical Research Council of Australia
10. National SIDS Council of Australia
11. New South Wales Cancer Council
12. Royal Children's Hospital Research Foundation, Melbourne
13. The Australian Lung Foundation
14. The Channel Seven Children's Research Foundation of SA
15. The Prince Charles Hospital Foundation

##### **International:**

1. Biomedical Research Council, Singapore
2. British Lung Foundation
3. Council for Medical & Health Research, Netherlands Organization for Scientific Research
4. Dutch Cystic Fibrosis Foundation
5. European Respiratory Society
6. Michael Smith Foundation for Health Research, British Columbia, Canada
7. National Asthma Campaign, UK
8. National Child Health Research Foundation, New Zealand
9. National Institutes of Health, USA
10. Netherlands Asthma Foundation (Asmafonds)
11. New Zealand Lotteries Commission
12. Research Grants Council of Hong Kong
13. The Wellcome Trust, United Kingdom

#### 2.12 **THESES REVIEWED FOR:**

University of Otago, New Zealand (PhD)  
 University of Queensland (PhD)  
 University of Melbourne (MD, PhD)  
 University of Sydney (MSc)  
 University of Western Australia (MD, MSc, BScHons)  
 Chinese University of Hong Kong (MD 2004) (MMedSci 2005) (MMedSci 2007)

Murdoch University, Perth, Western Australia (BScHons 2007, 2009)

**3. PUBLICATIONS****3.1 MD THESIS:**

**Le Souëf PN.** "Measurement of respiratory mechanics in infants"  
University of Western Australia. MD Thesis, 1985.

**3.2 ARTICLES:** (published in peer-reviewed journals)

1. Allen LP, Reynolds EOR, Rivers RPA, **Le Souëf PN**, Wimberley PD. Controlled trial of continuous positive airway pressure given by face mask for hyaline membrane disease. *Arch Dis Child* 1977;52:373-8.
2. **Le Souëf PN**, Morgan AK, Soutter LP, Reynolds EOR, Parker D. Continuous comparison of transcutaneous oxygen tension during prolonged monitoring of newborn infants with severe respiratory illnesses. *Pediatrics* 1978;62:692-7.
3. Allen LP, Clifton JS, Ingram D, **Le Souëf PN**, Reynolds EOR, Wimberley PD. Computer system for recording and display of data from newborn infants with respiratory illnesses. *Arch Dis Child* 1978;53:169-72.
4. **Le Souëf PN**, Morgan AK, Soutter LP, Reynolds EOR, Parker D. Continuous comparison of transcutaneous and arterial oxygen tension in newborn infants with respiratory illnesses. *Acta Anaesth Scand* 1978;Suppl 68:91-7.
5. **Le Souëf PN**, Walters BNJ. Neonatal listeriosis: a summer outbreak. *Med J Aust* 1981;2:188-91.
6. **Le Souëf PN**, Lopes JM, England SJ, Bryan MH, Bryan AC. Influence of chest wall distortion on esophageal pressure. *J Appl Physiol* 1983; 55: 353-8.
7. **Le Souëf PN**, Lopes JM, England SJ, Bryan MH, Bryan AC. Effect of chest wall distortion on occlusion pressure and the preterm diaphragm. *J Appl Physiol* 1983;55:359-64.
8. **Le Souëf PN**, England SJ, Bryan AC. Passive respiratory mechanics in infants and children. *Am Rev Respir Dis* 1984;129:552-6.
9. **Le Souëf PN**, England SJ, Bryan AC. Total resistance of the respiratory system in preterm infants with and without an endotracheal tube. *J Pediatr* 1984;104:108-11.
10. Mead J, Sly PD, **Le Souëf PN**, Hibbert ME, Phelan PD. Rib cage efficiency during exercise in subjects with pectus excavatum. *Am Rev Respir Dis* 1985;132:1223-8.
11. **Le Souëf PN**, Hughes DM, Landau LI. Effect of compression pressure on forced expiratory flow in infants. *J Appl Physiol* 1986;61:1639-47.
12. **Le Souëf PN**, Meyers NA, Landau LI. Etiological factors in long-term respiratory function abnormalities following esophageal atresia repair. *J Pediatr Surg* 1987; 22: 918-22.
13. Hughes DM, **Le Souëf PN**, Landau LI. Effect of salbutamol on respiratory mechanics in bronchiolitis. *Pediatr Res* 1987;22:83-6.
14. **Le Souëf PN**, England SJ, Stogren HE, Bryan AC. Comparison of diaphragmatic fatigue in newborn and older rabbits. *J Appl Physiol* 1988; 138: 590-7.
15. **Le Souëf PN**, Hughes DM, Landau LI. Shape of forced expiratory flow volume curves in infants. *Am Rev Respir Dis* 1988;138: 590-7.
16. Geelhoed GC, Landau LI, **Le Souëf PN**. Predictive value of oxygen saturation in emergency room evaluation of asthmatic children. *Br Med J* 1988; 297: 395-6.
17. **Le Souëf PN**, Geelhoed GC, Turner DJ, Morgan SEG, Landau LI. Response of normal infants to inhaled histamine. *Am Rev Respir Dis* 1989; 139:62-6.
18. Mihatsch W, Geelhoed GC, Landau LI, **Le Souëf PN**. Time course of oxygen saturation and peak expiratory flow in children admitted to hospital with acute asthma. *Thorax* 1990; 45: 438-41.
19. Geelhoed GC, Landau LI, **Le Souëf PN**. Comparison of oxymetry and peak expiratory flow in assessment of acute childhood asthma. *J Pediatr* 1990; 117:907-9.
20. Turner DJ, Morgan SEG, Landau LI, **Le Souëf PN**. Methodological aspects of flow-volume studies in infants. *Pediatr Pulmonol* 1990; 8: 289-93.

21. Collis GG, Cole HC, **Le Souëf PN**. Dilution of nebulised aerosols by air entrainment in children. *Lancet* 1990;336:341-3.
22. Stick SM, Turnbull S, Chua HL, Landau LI, **Le Souëf PN**. Comparison of airway responsiveness to histamine between infants and older children. *Am Rev Respir Dis* 1990;142:1143-6.
23. Chua HL, Collis GG, **Le Souëf PN**. Bronchial response of children with cystic fibrosis to nebulized antibiotics. *Eur Respir J* 1990;3:1114-6.
24. Henry R, Landau LI, Mellis C, Van Asperen P, Morton J, Cooper P, Cooper D, Kemp A, Robertson C, Phelan P, Sly P, Staugas R, Martin J, Isles A, Masters B, **Le Souëf P**, Hobday J, Mitchell E, Asher I, Dawson K. Childhood asthma: Application of the international view of management in Australia and New Zealand. *J Pediatr Child Health* 1990;26:72-4.
25. Sly PD, **Le Souëf PN**. Inhaled therapy in paediatrics. *J Paediatr Child Health* 1991;27:7-10.
26. Young S, **Le Souëf PN**, Geelhoed GC, Stick SM, Turner KJ, Landau LI. The influence of a family history of asthma and parental smoking on airway responsiveness in early infancy. *New Engl J Med* 1991;324:1168-73.
27. Henry R, Sly P, Godfrey S, Van Asperen P, Staugas R, **Le Souëf P**, Smith G, Robertson I, Robertson C, Phelan P, Olinsky A, Morton J, Mitchell E, Mellis C, Masters B, Martin J, Landau L, Kemp A, Isles A, Harris M, Francis P, Dawson K, Cooper P, Cooper D, Asher I, Allen H. Assessment and treatment of childhood asthma. *J Paediatr Child Health* 1991; 27:218-20.
28. Stick SM, Arnott J, Turner DJ, Young S, Landau LI, **Le Souëf PN**. Bronchial responsiveness and lung function in recurrently wheezing infants. *Am Rev Respir Dis* 1991;144:1012-5.
29. Ho L, Landau LI, **Le Souëf PN**. Effect of salbutamol on oxygen saturation in acute bronchiolitis. *Arch Dis Child* 1991;66:1061-4.
30. Reese AC, James IR, Landau LI, **Le Souëf PN**. Relationship between urinary cotinine level and diagnosis in children admitted to hospital. *Am Rev Respir Dis* 1992;146:66-70.
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### 3.3 BOOKS

#### 3.3.1 BOOK CHAPTERS

1. Bryan H, **Le Souëf PN**, England SJ, Fisher J, Bryan C. Respiratory mechanics in newborn infants. In: Physiological Foundations of Perinatal Care II. Eds: Stern L, Oh W, Friis-Hansen B. New York, Elsevier, 1987, p182-90.
2. **Le Souëf PN**. Expression of predisposing factors in early life. In: Asthma: Physiology, Immunopharmacology, and Treatment Eds: Holgate ST, Austen KF, Lichtenstein LM, Kay AB. London, Academic Press 1993, p41-51.
3. **Le Souëf PN**. Developmental processes in asthma: Genetics. In: Childhood Asthma and Other Wheezing Disorders Ed: Silverman M. Chapman and Hall, London 1995, p87-100.

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5. **Le Souëf PN**. Lung function in asthma in early life. In: Asthma Eds: Barnes PJ, Grunstein MM, Leff A, Woolcock AJ. Raven, New York 1997, p1301-18.
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7. Everard ML, **Le Souëf PN**. Aerosol therapy and delivery systems. In: Pediatric Respiratory Medicine Eds: Taussig LM, Landau LI. Mosby, St Louis 1999, p10-18.
8. **Le Souëf PN**. Molecular genetics and pediatric lung disease. In: Pediatric Respiratory Medicine Eds: Taussig LM, Landau LI. Mosby, St Louis 1999, p286-299.
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11. Smaldone GC, **Le Souëf PN**. Nebulization - the device and clinical considerations. In: Drug Delivery to the Lung: Clinical Aspects. Eds: Bisgaard H, O'Callaghan C, Smaldone G. Marcel Dekker, Base 2001. p269-300.
12. Currow K, **Le Souëf P**. Airway problems. In: Child Health: A Practical Manual for General Practitioners Eds: Oats K, Hu W, Currow K. MacLennan and Petty 2001, p157-74.
13. **Le Souëf PN**. Lung function and development. In: Pediatric Asthma: An International Perspective. Eds: Naspitz CK, Szeffler SJ, Tinkelman DG, Warner JO. Martin Dunitz, London 2001, p1-18.
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18. Laing IA, **Le Souëf PN**. "Association studies in asthma". In: Genetics of Asthma and COPD Eds: Weiss ST, Postma D. Marcel Dekker 2007.
19. Devadason SG, Everard ML, **Le Souëf PN**. Aerosol therapy and delivery systems. In: Pediatric Respiratory Medicine: Clinical Science and Practice 2<sup>nd</sup> Edition. Eds: Taussig LM, Landau LI. Assoc Eds: **Le Souëf PN**, Martinez FD, Morgan W, Sly PD. Elsevier 2008, p 235-40.
20. **Le Souëf PN**. Genes, environment, and their Interactions. In: Pediatric Respiratory Medicine: Clinical Science and Practice 2<sup>nd</sup> Edition. Eds: Taussig LM, Landau LI. Assoc Eds: **Le Souëf PN**, Martinez FD, Morgan W, Sly PD. Elsevier 2008, p 783-90.
21. **Le Souëf PN**. T Cell responses to the allergens and association with different wheezing phenotypes in children. In: Volume 1: Evolution of Allergy, Epigenetics and Phenotypes, Allergens and Risk factors. Allergy Frontiers: From Epigenetics to Future Perspectives. Eds; Pawankar R, Holgate S, Rosenwasser LJ. Springer (in press).
22. Mulllane D, **Le Souëf PN**. Genetic and environmental factors influencing lung growth and lung function. In: Paediatric lung function: European Respiratory Monograph 2009 Eds: Frey U, Merkus P. European Respiratory Society, Bern, Switzerland (in press).

### 3.3.2 BOOK - ASSOCIATE EDITORSHIP

1. Pediatric Respiratory Medicine Eds: Taussig LM, Landau LI. Assoc Eds: **Le Souëf PN**, Martinez FD, Morgan W, Sly PD. L. Mosby, St Louis 1999.

2. Pediatric Respiratory Medicine: Clinical Science and Practice 2<sup>nd</sup> Edition. Eds: Taussig LM, Landau LI. Assoc Eds: **Le Souëf PN**, Martinez FD, Morgan W, Sly PD. Elsevier 2008
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### 3.4 **OTHER PUBLICATIONS:**

#### 3.4.1 **POSITION PAPERS FOR LEARNED SOCIETIES**

1. Young IH, **Le Souëf PN**. TSANZ position paper on clinical oximetry (1993)
  2. Musk AW, **Le Souëf PN**. TSANZ position paper on environmental tobacco smoke (1996)
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#### 3.4.2 **ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS - INTERNATIONAL**

1. **Le Souëf PN**. Genetics and immunopathology: Genetic aspects. In: Asthma, Allergy and Respiratory Medicine Eds: Neffen HE, Baena-Cagnani CE. GlaxoWellcome, Argentina, 1996, pp 59-66.
  2. **Le Souëf PN**. Asthma in infancy: Natural history. In: Asthma, Allergy and Respiratory Medicine Eds: Neffen HE, Baena-Cagnani CE. GlaxoWellcome, Argentina, 1996, pp 177-82.
  3. **Le Souëf PN**. Treatment of pediatric asthma: Inhalational technique . In: Asthma, Allergy and Respiratory Medicine Eds: Neffen HE, Baena-Cagnani CE. GlaxoWellcome, Argentina, 1996, pp 225-7.
  4. **Le Souëf PN**. How should aerosolized drug doses be size-corrected for children of different sizes? XIIth International Cystic Fibrosis Conference. Israel J Med Sci 1996;32:S22-3.
  5. **Le Souëf PN**. Nebulised therapy in CF. XIIth International Cystic Fibrosis Conference. Israel J Med Sci 1996;32:S92-3.
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#### 3.4.3 **ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS - NATIONAL**

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  2. **Le Souëf PN**. The effects of passive smoking on the fetus and early lung function. Australian Medical Association Summit Seminar on Passive Smoking: Passive smoking - the facts. Conference proceedings published by Australian Medical Association, Canberra, 21st October 1996
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#### 3.4.4 **PUBLISHED LETTERS**

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  2. **Le Souëf PN**. Tobacco endowments for higher education. Med J Aust 1994;161:637-8.
  3. O'Leary PC, **Le Souëf PN**. Effect of asthma treatment on urinary growth hormone excretion in children. Pediatric Pulmonol 1997;23:127.
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#### 3.4.5 **ARTICLES PUBLISHED IN NON-ACADEMIC JOURNALS**

1. **Le Souëf PN**. Passive smoking: effects on childhood asthma. Breathing Space. Adis Press, Sydney 1992.
2. **Le Souëf PN**. Management of asthma in toddlers. Modern Medicine 1994;37:104-11 and Modern Medicine of South Africa September 1995, 57-66.
3. **Le Souëf P**. Asthma in Children. Medicine 1999;27:54-8.

4. **Le Souëf P.** Asthma in Children. *Medicine* 2003;31:52-5.

#### 4. RESEARCH FUNDS RECEIVED

##### 4.11 PEER REVIEWED RESEARCH GRANTS:

1. **Le Souëf PN**  
Evaluation of lung function in children ages 2-6 years.  
**\$12,000 Channel 7 Telethon Trust** **1986**
2. **Le Souëf PN, Landau LI**  
Bronchodilator response in children.  
**\$ 9,122 Asthma Foundation of WA** **1986**
3. **Le Souëf PN, Landau LI**  
Measurement of functional residual capacity in wheezy infants.  
**\$10,000 Asthma Foundation of WA** **1987**
4. **Le Souëf PN**  
Salivary cotinine levels in evaluating the effects of passive smoking in the developing lung.  
**\$22,000 TVW Telethon Foundation** **1987**
5. **Le Souëf PN**  
Assessment of respiratory function in infants.  
**\$ 8,174 University of WA** **1988**
6. **Le Souëf PN**  
Do women with smooth muscle hyper-responsiveness produce preterm infants with chronic lung disease?  
**\$23,968 University of WA** **1988**
7. **Le Souëf PN, Landau LI**  
Salivary cotinine and severity of respiratory illness in children.  
**\$26,231 NHMRC** **1988**
8. **Le Souëf PN, Landau LI**  
Physiological interpretation of the infant's response to inhaled histamine.  
**\$145,719 NHMRC** **1988-91**
9. **Le Souëf PN**  
Comparison of bronchial responsiveness to histamine in normal and wheezy infants.  
**\$22,745 Asthma Foundation of WA** **1989**
10. **Le Souëf PN**  
Respiratory mechanics in infants over an extended volume range.  
**\$24,000 TVW Telethon Foundation** **1989**
11. **Le Souëf PN**  
Effect of ventilator rate on respiratory mechanics in infants.  
**\$15,000 TVW Telethon Foundation** **1989**
12. **Le Souëf PN**  
Effect of inspiratory flow and nebuliser output on aerosols inspired in children.  
**\$25,000 Asthma Foundation of WA** **1990**
13. **Le Souëf PN**  
Interaction between spontaneous breathing and mechanical ventilation in newborn infants.  
**\$15,000 TVW Telethon Foundation** **1990**
14. **Le Souëf PN, Landau LI**  
Passive smoking and perinatal IgE in determining infants' airway responsiveness.  
**\$100,045 NHMRC** **1990-2**
15. **Le Souëf PN, Landau LI**  
Investigation of aerosol characteristics for optimal inhalational therapy for infants and young children with cystic fibrosis.  
**\$27,932 Australian Cystic Fibrosis Association** **1991**
16. **Le Souëf PN, Stick SM**

- Relationships between passive smoking, airway disease and SIDS.  
**\$45,000 SIDS Council of Australia** **1990-1**
17. **Le Souëf PN, Hagan R**  
 Relationship between placental function, *in utero* events & respiratory symptoms in early life  
**\$15,000 KEMH Research Foundation** **1991**
18. Landau LI, **Le Souëf PN**  
 Longitudinal study of asthma, airway function and responsiveness from birth.  
**\$196,521 NHMRC** **1991-3**
19. Sly PD, **Le Souëf PN**  
 Respiratory system responsiveness: what is being measured?  
**\$222,275 NHMRC** **1991-3**
20. **Le Souëf PN**  
 Aerosol standardisation in airway responsiveness assessment in childhood (NHMRC #910138).  
**\$105,528 NHMRC** **1991-3**
21. **Le Souëf PN, Goldblatt J, Cookson WOCM**  
 Early effects of genetic components of asthma (NHMRC #930094)  
**\$170,861 NHMRC** **1993-5**
22. **Le Souëf PN, Landau LI**  
 Longitudinal assessment of asthma aetiological factors from before birth to 6 years of age (NHMRC 941222)  
**\$129,541 NHMRC** **1994-6**
23. **Le Souëf PN**  
 Respiratory function from a raised lung volume in normal and asthmatic infants (NHMRC #941239)  
**\$109,258 NHMRC** **1994-6**
24. **Le Souëf PN, Goldblatt J, Sanderson CR**  
 Mutations of the interleukin-5 gene: a common cause of asthma?  
**\$91,690 Raine Medical Research Foundation** **1994-5**
25. **Le Souëf PN, Goldblatt J, Sanderson CR**  
 Receptor gene mutations in determining the genetic basis of asthma. (NHMRC #950976)  
**\$134,565 NHMRC** **1995-7**
26. **Le Souëf PN, Goldblatt J.**  
 Do mutations in genes associated with atopy affect susceptibility to parasitic disease? (NHMRC #961293)  
**\$217,978 NHMRC** **1996-8**
27. **Le Souëf PN**  
 The Western Australian infant respiratory study - influence of Der P1 exposure in infancy and genotype on outcome at 6 years  
**\$80,134 MEDWA** **1997-8**
28. Devadason SG, **Le Souëf PN**  
 Delivery of deoxyribonuclease (DNase) to infants and children with cystic fibrosis  
**\$37,000 Australian Cystic Fibrosis Research Trust** **1998**
29. Devadason SG, **Le Souëf PN**  
*In vitro* and *in vivo* assessment of the optimal dose of non-CFC based metered dose inhalers  
**\$150,000 NHMRC** **1998-2000**
30. Devadason SG, **Le Souëf PN**

- Budesonide delivery to paediatric asthmatic patients using an innovative aerosol delivery device versus conventional nebuliser systems  
**\$21,000 MEDWA** **1998-9**
31. **Le Souëf PN**, Goldblatt J.  
 Do polymorphisms in genes controlling lung inflammation influence the progression of respiratory disease in cystic fibrosis.  
**\$ 54,394 Australian Cystic Fibrosis Research Trust** **1999**
32. Robertson C, Olinsky A, **Le Souëf P**, Wilson J  
 Outcome of childhood asthma into adult life  
 (NHMRC #90852)  
**NHMRC** **1999-2000**
33. **Le Souëf PN**, Goldblatt J.  
 Candidate genes for airway responsiveness  
 (NHMRC #991168)  
**\$263,294 NHMRC** **1999-2001**
34. **Le Souëf PN**, Goldblatt J  
 Longitudinal study of airway responsiveness  
 (NHMRC #991309)  
**\$ 95,855 NHMRC** **1999-2001**
35. **Le Souëf PN**, Goldblatt J.  
 Genetics of acute asthma in children  
**\$39,918 Asthma Foundation of WA** **2002**
36. Sly PD, Holt PG, Thomas WR, **Le Souëf PN**, Stick SM, Upham J, Stumbles P  
 Developmental aspects of respiratory inflammation, atopy and allergy.  
 (NHMRC #211912)  
**\$ 7,250,000 NHMRC Program Grant** **2002-6**
37. **Le Souëf PN**, Goldblatt J, Holt P, Knight D, McMinn P, Geelhoed G.  
 Mechanisms of acute asthma in children  
**\$60,000 Western Australian Institute of Medical Research** **2002-4**
38. Musk AW, James A, **Le Souëf P**, Cookson WOCM, Waterer G,  
 Knuiman M, deKlerk N, Beilby J.  
 Epidemiological and genetic studies of asthma and chronic airflow limitation  
 – the Busselton health study  
**\$60,000 Western Australian Institute of Medical Research** **2002-4**
39. **Le Souëf P**, Goldblatt J.  
 Influence of long-term environment on current asthma susceptibility  
**\$39,000 Asthma Foundation of WA** **2003**
40. **Le Souëf PN**, Dingle PW, Devadason SG  
 Pilot study to assess tobacco smoke emissions from smokers  
**\$20,000 Healthway** **2003**
41. **Le Souëf PN**, Watt P, Devadason SG, Sly PD.  
 Asthma medication delivery with a new pediatric incentive spacer  
**\$US 704,000 National Institutes of Health (NIH)** **2004-2006**
42. Devadason SG, Hall G, Owen JL, Swanson MG, **Le Souëf PN**  
 Assessment of cigarette delivery incorporating real life situations  
**\$20,000 Healthway** **2004**
43. **Le Souëf PN**, Goldblatt J  
 Genetic determinants of measles vaccine responses  
**\$ 47,889 Telethon SPACH UWA** **2006**
44. **Le Souëf P**, Goldblatt J, Landau LI.  
 Adolescent assessment of the Perth infant respiratory cohort  
 (NHMRC #404033)  
**\$403,875 NHMRC** **2006-8**
45. **Le Souëf P**, Bittles AH, Goldblatt J, Candelaria P.

Evolution and the immune system: genetic differences in immune response between human populations due to adaptation to living in different geoclimatic locations  
(ARC #DP0667326)

**\$310,000 Australian Research Council (ARC) Discovery Grant 2006-8**

46. Sly PD, Holt PG, Thomas WR, **Le Souëf PN**, Stick SM, Upham J  
Developmental aspects of respiratory inflammation, allergy and asthma.  
(NHMRC #458513)

**\$ 6,750,000 NHMRC Program Grant 2007-11**

47. Alonso P, Sacarlal J, Roberts D, Schwarzer E, **Le Souëf P**, Schofield L,  
Chitnis C, Doolan D.

Age of exposure and immunity to malaria in infants

European Union Collaborative Study – **EU budget \$Aus 2,928,290**

**\$309,350 NHMRC** (NHMRC's contribution to P Le Souëf's component of study) **2007-09**

48. **Le Souëf PN**

"Investigation of the newly-discovered human rhinovirus (HRV) group C (HRVC) in childhood asthma – the cause of the majority of acute asthma attacks?"

**\$30,000 UWA Asthma Research Grant 2009**

#### 4.12 INFRASTRUCTURE RESEARCH GRANTS:

1. **Le Souëf PN**

Infrastructure funding

**\$20,633 Medical and Health Infrastructure Fund, Health Dept of WA 1999**

2. **Le Souëf PN**

Infrastructure funding

**\$ 26,835 Medical & Health Infrastructure Fund, Health Dept of WA 2000**

3. **Le Souëf PN**

Infrastructure funding

**\$ 40,813 Medical & Health Infrastructure Fund, Health Dept of WA 2001**

4. **Le Souëf PN**

Infrastructure funding

**\$ 29,335 Medical & Health Infrastructure Fund, Health Dept of WA 2002**

5. **Le Souëf PN**

Infrastructure funding

**\$ 20,000 Medical & Health Infrastructure Fund, Health Dept of WA 2003**

6. **Le Souëf PN**

Infrastructure funding

**\$ 20,000 Medical & Health Infrastructure Fund, Health Dept of WA 2004**

7. **Le Souëf PN**

Infrastructure funding

**\$ 28,547 Medical & Health Infrastructure Fund, Health Dept of WA 2005**

8. **Le Souëf PN**

Infrastructure funding

**\$ 15,000 Medical & Health Infrastructure Fund, Health Dept of WA 2006**

9. **Le Souëf PN**

Infrastructure funding

**\$ 33,621 Medical & Health Infrastructure Fund, Health Dept of WA 2007**

10. **Le Souëf PN**

Infrastructure funding

**\$ 30,921 Medical & Health Infrastructure Fund, Health Dept of WA 2008**

11. **Le Souëf PN**

Infrastructure funding

**\$ 35,000 Medical & Health Infrastructure Fund, Health Dept of WA 2009**

4.2 **RESEARCH FUNDS - INDUSTRY:**

1. **Le Souëf PN**, Silverman M  
"Comparative study to assess the effect of nebulized sodium cromoglycate on bronchial responsiveness in infants"  
Fisons Pharmaceutical Division  
**\$60,000** **1988-89**
2. **Le Souëf PN**  
"Double-blind crossover study of the broncho-dilator effect of 20mg sodium cromoglycate nebuliser solution, salbutamol nebuliser solution and placebo in asthmatic children"  
Fisons Pharmaceutical Division  
**\$10,000** **1989**
3. **Le Souëf PN**  
"Double-blind crossover group comparative study of the efficacy of adding 20mg sodium cromoglycate or placebo to salbutamol during an acute attack of asthma in children"  
Fisons Pharmaceutical Division  
**\$15,000** **1989-90**
4. Multi-centre trial  
"A comparison of recommended versus higher dose salbutamol in acute asthma in children"  
Glaxo Australia  
**\$8,000** **1990-91**
5. Multi-centre trial  
"Controlled trial of salmeterol vs salbutamol in paediatric asthma"  
Glaxo Australia  
**\$56,000** **1993-94**
6. **Le Souëf PN**  
"Relation between age and aerosol deposition of radio-labelled budesonide in children"  
Astra Draco, Sweden  
**\$54,000** **1993-94**
7. **Le Souëf PN**  
"Deposition of radio-labelled salbutamol aerosol delivered by MDI-spacer in infants and children"  
Glaxo Australia  
**\$52,000** **1993-97**
8. Multi-centre trial  
"Evaluation of a multi-dose powder delivery device for salmeterol in children"  
Glaxo Australia  
**\$54,000** **1993-94**
9. **Le Souëf PN**  
"Delivery of aerosol from a Venturi nebuliser"  
Medicaid, UK  
**\$5,000** **1994**
10. **Le Souëf PN**, Sly PD, Bates J  
"Development of the raised volume infant lung function technique for use in international studies"  
Genetech, San Francisco, USA  
**\$50,000** **1994-5**
11. Cox M, Scurlock J, **Le Souëf PN**  
"Short course of fluticasone in childhood asthma"  
Glaxo Australia  
**\$60,000** **1995-96**
12. **Le Souëf PN**  
"Relation between age and aerosol deposition of radio-labelled budesonide in asthmatic children"  
Astra Draco, Sweden  
**\$54,000** **1995-96**
13. **Le Souëf PN**  
"Respiratory flow and filter deposition for children breathing through a nebuliser"  
Astra Draco, Sweden



27. **Le Souëf PN**  
 "Multi-centre evaluation of the HFA-Intal pMDI"  
**\$25,000** **1998-99**
28. Devadason SG, **Le Souëf PN**  
 "Clinical trial of the adaptive nebuliser in children"  
 MedicAid, UK  
**\$5,000** **1999**
29. Devadason SG, **Le Souëf PN**  
 "Flow profiles from the adaptive nebuliser in children"  
 MedicAid, UK  
**\$50,000** **1999**
30. Devadason SG, **Le Souëf PN**  
 "Lung deposition of HFA-BDP delivered by pMDI in asthmatic children"  
 3M Corporation, USA  
**\$50,000** **2001-3**
31. **Le Souëf PN**, Ryan G  
 "Inhaled dry powder mannitol in the management of airways disease – cystic fibrosis study"  
 Pharmaxis, Australia  
**\$30,000** **2004-06**
32. **Le Souëf PN**, Stick SM.  
 "A multi-center, randomized, double-blind, double-dummy, parallel-group study  
 evaluating the effects of 2 different regimens of montelukast compared with  
 placebo in the treatment of episodic asthma in children aged 2 to 5 years"  
 Merck and Co, Inc, USA  
 Study underway **2006**
- 4.3 **PEER REVIEWED CLINICAL INITIATIVES:**  
 Cystic Fibrosis Early Discharge Program  
**\$300,000 Commonwealth Government Grant** **1990-92**

## 5. **INVITED LECTURES**

### 5.1 **INVITED LECTURES AT MAJOR SCIENTIFIC MEETINGS**

#### 5.1.1 **INVITED LECTURES AT NATIONAL SCIENTIFIC MEETINGS**

1. "An assessment of risk factors in asthma"  
**Airways 89 Meeting**  
 Leura, NSW 22nd July 1989
2. "Nebulised antibiotics"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
 Canberra 31st March 1992
3. "Asthma genetics: what can molecular biology teach us about asthma?"  
 Cell Biology SIG Symposium  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
 Hamilton Island, Queensland 12th April 1994
4. "Passive smoking - Is it harmful?"  
 Paediatrics SIG Symposium  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
 Hamilton Island, Queensland 14th April 1994
5. "Passive smoking in infants and children"  
**Thoracic Society of Australia and New Zealand (NSW) Special Meeting**  
 Sydney 19th October 1995
6. "Allergen avoidance in asthma - con"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
 Perth 27th March 1996

7. "Genetics, triggers and responses - genetics"  
Cell Biology and Asthma and Allergy Joint SIG Symposium  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Perth 29th March 1996
8. "Molecular genetics of asthma and atopy"  
Combined Immunology, Allergy and Respiratory and Allergy Meeting  
**Satellite Meeting of Australian College of Paediatrics**  
Sunshine Coast, Queensland 1st June 1996
9. "The effects of passive smoking on the fetus and early lung function"  
**Australian Medical Association Summit Seminar on Passive Smoking: "Passive smoking - the facts"**  
Canberra 21st October 1996
10. "Using the molecular genetics of resistance to parasites to study asthma genetics"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Wellington, New Zealand 8th April 1997
11. "Delivery systems"  
**2nd Australian Cystic Fibrosis Conference**  
Perth 14th November 1997
12. "Aerosol deposition studies: their impact on clinical practice"  
Paediatric SIG  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Adelaide 17th March 1998
13. "Genetics of asthma"  
**Australian Paediatric Respiratory Group**  
Wirrina Cove, SA 12th June 1998
14. "Asthma genetic studies: genome screen, candidate gene or association studies. What is best?"  
**National Asthma Research Workshop**  
Sydney 12th November 1998
15. "Aerosol delivery systems: new devices and new challenges"  
**National Asthma Research Workshop**  
Sydney 13th November 1998
16. "The genetics of asthma - an update"  
Cell Biology SIG  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Canberra 28th February 1999
17. "Problems in the interpretation of BHR testing"  
**Australian Paediatric Respiratory Group**  
Mt Broughton, NSW 19<sup>th</sup> June 1999
18. "Atopy genes"  
Advances in genetics of atopic diseases  
**Australian Society of Clinical Immunology and Allergy**  
Uluru, NT 25th September 1999
19. "Asthma: from *afarensis* to Ushuaia"  
Allen & Hanbury's Lecture - Distinguished Lecturer for 2000  
**Thoracic Society of Australia and New Zealand (WA Branch) Annual Scientific Meeting**  
Yanchep, WA 11<sup>th</sup> March 2000
20. "Infant lung function testing"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Melbourne 11<sup>th</sup> April 2000
21. "Dosing of aerosol medications – which device, which dose?"  
**Australian and New Zealand Society of Respiratory Science**  
**2001 Annual Scientific Meeting**  
Brisbane 18th March 2001
22. "Dosing of aerosol medications – which device, which dose?"

- Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Brisbane 19th March 2001
23. "Basic Science – asthma response genes"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Brisbane 21st March 2001
24. "Aerosol delivery – new evidence and new technologies"  
**Fourth Australian and New Zealand Cystic Fibrosis Conference**  
Brisbane 23rd August 2001
25. "Theory 2: Evolution of the immune system in modern man"  
**Australian Society of Clinical Immunology and Allergy**  
Perth 29th September 2001
26. "Genes, the environment and time"  
Asthma and allergy SIG  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Cairns 27<sup>th</sup> March 2002
27. "Should we treat every episode of wheeze?"  
**Australian Paediatric Respiratory Group Annual Meeting**  
Katoomba, NSW 15<sup>th</sup> June 2002
28. "The genetics of atopy and atopic dermatitis"  
Plenary session: "Genetics and the skin"  
**The Australasian College of Dermatologists Annual Scientific Meeting**  
Perth 16<sup>th</sup> May 2005
29. "The role of fundoplication/gastrostomy for gastro-oesophageal reflux in children with recurrent aspiration"  
**Australian Paediatric Respiratory Group Annual Meeting**  
Bowral, NSW 13<sup>th</sup> August 2005
30. "Asthma is not an allergic disease" Pro-con debate  
**Australian Paediatric Respiratory Group Annual Meeting**  
Blue Mountains, NSW 16<sup>th</sup> August 2008

#### 5.1.2 INVITED LECTURES AT INTERNATIONAL SCIENTIFIC MEETINGS

1. "Dilution of aerosols by air entrainment"  
Aerosol therapy in the newborn  
**International Workshop on Aerosols in Children**  
London, UK 7th December 1989
2. "Factors determining the development of allergy in infants"  
**American Academy of Allergy and Immunology Annual Scientific Meeting**  
Baltimore, USA 27th March 1990
3. "Transmission of pressure across the chest wall during the squeeze technique"  
Workshop on Infant Pulmonary Function Testing  
**American Thoracic Society Annual Scientific Meeting**  
Boston, USA 19th May 1990
4. "Can bronchial reactivity be measured in infants?"  
Workshop on Infant Pulmonary Function Testing  
**American Thoracic Society Annual Scientific Meeting**  
Boston, USA 19th May 1990
5. "Pumping infants to higher lung volumes"  
Workshop on the Measurement of Lung Function in Infancy.  
**Societas Europaea Pneumologica - Societas Europaea Physiologiae Clinicae Respiratoriae (SEP-SEPCR)**  
London, UK 12th September 1990
6. "A new direction in forced expiration in infants"  
Workshop on Infant Pulmonary Function Tests  
**American Thoracic Society Annual Scientific Meeting**

- Anaheim, USA 11th May 1991
7. "The standardisation of tests of bronchial responsiveness for use in children of different ages"  
**American Thoracic Society Annual Scientific Meeting**  
Anaheim, USA 15th May 1991
8. "Peak expiratory flow - prediction equations (growth and aging) (also race, gender, health)"  
Peak Expiratory Flow Workshop  
**European Respiratory Society Annual Scientific Meeting**  
Brussels, Belgium 27th September 1991
9. "Rationale for nebuliser therapy in children"  
**American Thoracic Society Annual Scientific Meeting**  
Miami, USA 19th May 1992
10. "Assessment of bronchodilator efficacy in infants - aerosol delivery"  
Infant Pulmonary Function Workshop  
**European Respiratory Society Annual Scientific Meeting**  
Vienna, Austria 29th August 1992
11. "Bronchoprovocation tests in preschool children - Interpretation of results and goals for further research"  
**European Respiratory Society Annual Scientific Meeting**  
Vienna, Austria 1st September 1992
12. "Environmental and genetic factors - Expression of predisposing factors in early life"  
**Asthma IV**  
Bermuda 15th September 1992
13. "Summing up - quality control in paediatric respiratory medicine"  
**European Paediatric Respiratory Meeting**  
Oslo, Norway 22nd January 1993
14. "The effect of age on aerosol deposition in children"  
Aerosols in Medicine  
**International Society of Aerosols in Medicine Scientific Meeting**  
Garmisch-Partenkirchen, Germany 31st March 1993
15. "Forced expiration from raised lung volume in infants"  
**Symposium in honour of A Charles Bryan**  
Toronto, Canada 14th May 1993
16. "Host factors in bronchial responsiveness"  
**European Respiratory Society Annual Scientific Meeting**  
Florence, Italy 29th September 1993
17. "Genetics"  
**Early childhood asthma: what are the questions? State of the Art Workshop**  
Salem, Massachusetts, USA 19th May 1994
18. "Dosage considerations in aerosol therapy in infants"  
**International Neonatal/Infant Aerosol Conference**  
**Satellite of American Thoracic Society Annual Scientific Meeting**  
Boston, Massachusetts, USA 21st May 1994
19. "Asthma genetics research in Western Australia"  
**Recent Advances in the Genetics of Asthma and Allergy, Scientific Workshop**  
Cannes, France 29th September 1994
20. "Optimal use of inhalation devices"  
**III International Pediatric Consensus on the Management of Asthma**  
Sao Paulo, Brazil 20th March 1995
21. "Genetics of asthma"  
**II Panamerican Congress of Pediatric Allergy and Immunology**  
**V Brazilian Congress of Pediatric Allergy and Immunology**  
**Ist Congress of the International Pediatric Allergy and Respiratory Federation**  
Sao Paulo, Brazil 20th March 1995
22. "Wheezy infants - treatment"

- II Panamerican Congress of Pediatric Allergy and Immunology**  
**V Brazilian Congress of Pediatric Allergy and Immunology**  
**Ist Congress of the International Pediatric Allergy and Respiratory Federation**  
Sao Paulo, Brazil 22nd March 1995
23. "Bronchopulmonary Dysplasia. Non-asthmatic wheeze - causes and consequences"  
**II Panamerican Congress of Pediatric Allergy and Immunology**  
**V Brazilian Congress of Pediatric Allergy and Immunology**  
**Ist Congress of the International Pediatric Allergy and Respiratory Federation**  
Sao Paulo, Brazil 22nd March 1995
24. "Genetics of Asthma"  
**New Zealand Respiratory Specialists Group, Respiratory Workshop**  
Rotorua, New Zealand 21st July 1995
25. "Predictors of Asthma"  
**New Zealand Respiratory Specialists Group, Respiratory Workshop**  
Rotorua, New Zealand 21st July 1995
26. "Aerosol Delivery Systems"  
**New Zealand Respiratory Specialists Group, Respiratory Workshop**  
Rotorua, New Zealand 22nd July 1995
27. "Methods and interpretation. Testing bronchial responsiveness in infants."  
Second Round Table on Bronchial Responsiveness in Children  
**European Respiratory Society Annual Scientific Meeting**  
Barcelona, Spain 16th September 1995
28. "Prediction of asthma from measurements made in infancy"  
**Genetics of Asthma International Meeting**  
Oxford, UK 1st November 1995
29. "Genetics and immunopathogenesis - genetic aspects"  
**International Association of Asthmology**  
**Interasma '95**  
Buenos Aires, Argentina 7th December 1995
30. "Asthma from infancy - natural history"  
**International Association of Asthmology**  
**Interasma '95**  
Buenos Aires, Argentina 9th December 1995
31. "Treatment of pediatric asthma - inhalation technique"  
**International Association of Asthmology**  
**Interasma '95**  
Buenos Aires, Argentina 9th December 1995
32. "Aerosol deposition in children"  
**2nd Congres International de Pneumologie Pediatrique**  
Nice, France 5th June 1996
33. "The mechanics of nebulisers and the physics of aerosols"  
Satellite meeting: "Nebuliser therapy in CF"  
**XIIth International Cystic Fibrosis Conference**  
Jerusalem, Israel 17th June 1996
34. "How should aerosolised drug doses be size-corrected for children of different sizes?"  
Satellite meeting: "Nebuliser therapy in CF"  
**XIIth International Cystic Fibrosis Conference**  
Jerusalem, Israel 17th June 1996
35. "Efficacy of nebulised therapy in CF"  
**XIIth International Cystic Fibrosis Conference**  
Jerusalem, Israel 19th June 1996
36. "Inhalation therapies"  
**XIIth International Cystic Fibrosis Conference**  
Jerusalem, Israel 19th June 1996

37. "The infant with noisy breathing or wheeze"  
**ERS workshop on the clinical application of lung function tests in infants**  
**European Respiratory Society**  
 Stockholm, Sweden 7th September 1996
38. "Genetics of asthma"  
**Argentine Congress of Pediatric Pulmonary**  
 Buenos Aires, Argentina 21st November 1996
39. "Aerosol therapy in infants"  
**Argentine Congress of Pediatric Pulmonary**  
 Buenos Aires, Argentina 21st November 1996
40. "BPD and familial history of asthma"  
**Argentine Congress of Pediatric Pulmonary**  
 Buenos Aires, Argentina 23rd November 1996
41. "Genetics of asthma and parasite resistance"  
**25th Anniversary Scientific Meeting, Instituto de Biomedicina**  
 Caracas, Venezuela 25th November 1996
42. "Protocol for the raised volume forced expiratory flow-volume technique"  
 Workshop on Raised Volume Rapid Thoracic Compression Technique in Infants  
**American Thoracic Society Annual Scientific Meeting**  
 San Francisco, USA 15th May 1997
43. "The use of molecular genetics to investigate the etiology of asthma"  
**VII Brazilian Congress of Pediatric Pneumology**  
 Blumenau, Brazil June 9th 1997
44. "Risk factors for asthma in early childhood"  
**VII Brazilian Congress of Pediatric Pneumology**  
 Blumenau, Brazil June 9th 1997
45. "Aerosol therapy in infants and young children"  
**VII Brazilian Congress of Pediatric Pneumology**  
 Blumenau, Brazil June 10th 1997
46. "Passive smoking: effects on fetal and pediatric respiratory health"  
**VII Brazilian Congress of Pediatric Pneumology**  
 Blumenau, Brazil June 9th 1997
47. Prevalence of asthma in Australia"  
**VII Brazilian Congress of Pediatric Pneumology**  
 Blumenau, Brazil June 9th 1997
48. "The relations between parasite disease and asthma"  
**VII Brazilian Congress of Pediatric Pneumology**  
 Blumenau, Brazil June 10th 1997
49. "The influence of parasite infection on the asthma phenotype"  
**Workshop on the Genetics of Asthma**  
 Brussels, Belgium 17-19th September 1997
50. "The genetics of asthma"  
 Guest Professor - **30th Annual Meeting of Respiratory Diseases**  
**Chilean Society of Respiratory Diseases**  
 Pucon, Chile 26th-29th November 1997
51. "Early predictors of respiratory disease in children"  
 Guest Professor - **30th Annual Meeting of Respiratory Diseases**  
**Chilean Society of Respiratory Diseases**  
 Pucon, Chile 26th-29th November 1997
52. "Aerosol therapy - paediatric aspects"  
 Guest Professor - **30th Annual Meeting of Respiratory Diseases**  
**Chilean Society of Respiratory Diseases**  
 Pucon, Chile 26th-29th November 1997
53. "The effect of passive smoking on lung growth and respiratory health in children"

- Guest Professor - **30th Annual Meeting of Respiratory Diseases**  
**Chilean Society of Respiratory Diseases**  
 Pucon, Chile 26th-29th November 1997
54. "Wheeze in early life. An approach to management: Delivery devices"  
**Royal Society of Medicine**  
 London, UK 26th May 1998
55. "Recent advances in aerosol delivery in children"  
**XIth International Course in Pediatrics**  
 Vina del Mar, Chile 3rd - 6th September 1998
56. "The genetic basis of asthma"  
**XIth International Course in Pediatrics**  
 Vina del Mar, Chile 3rd - 6th September 1998
57. "Tobacco control - towards a smoke-free society"  
**XIth International Course in Pediatrics**  
 Vina del Mar, Chile 3rd - 6th September 1998
58. "The wheezy infant - diagnosis and treatment"  
**XIth International Course in Pediatrics**  
 Vina del Mar, Chile 3rd - 6th September 1998
59. "Cytokine promoter regions"  
**European Respiratory Society**  
 Geneva, Switzerland 23rd September 1998
60. "Infant lung function, bronchial hyperresponsiveness and development of asthma"  
 "The development of atopy and asthma in childhood"  
**International Symposium**  
 Fulda, Germany 11th February 1999
61. "Linkage and candidate gene studies of parasite infections"  
 "The development of atopy and asthma in childhood"  
**International Symposium**  
 Fulda, Germany 13th February 1999
62. "Genetics of inflammation in asthma, an overview"  
**European Respiratory Society**  
 Madrid, Spain 13<sup>th</sup> October 1999
63. "Definition and mechanisms"  
**WHO Consultation on Childhood Asthma**  
 Buenos Aires, Argentina 16th October 1999
64. "Assessment of airway function in infants"  
**XVI World Congress of Asthma**  
 Buenos Aires, Argentina 18th October 1999
65. "Improved aerosol delivery systems for children"  
**XVI World Congress of Asthma**  
 Buenos Aires, Argentina 20th October 1999
66. "Candidate genes and pediatric asthma"  
**XVI World Congress of Asthma**  
 Buenos Aires, Argentina 20th October 1999
67. "pMDI-spacers: optimal use of HFA devices"  
**CIPP IV**  
 Nice, France 24<sup>th</sup> February 2000
68. "Infantile asthma"  
**Latin American Thoracic Society**  
**(Asociacion Latinamericana del Torax – ALAT)**  
 Cartagena, Colombia 2<sup>nd</sup> August 2000
69. "Genetics of asthma from predisposition to overt disease"  
**Latin American Thoracic Society – ALAT**  
 Cartagena, Colombia 2<sup>nd</sup> August 2000

70. "Airway hyper-reactivity and pulmonary function in infants with airways obstruction syndrome"  
**Latin American Thoracic Society – ALAT**  
 Cartagena, Colombia 2<sup>nd</sup> August 2000
71. "Asthma: genetic risk factors"  
**Latin American Thoracic Society – ALAT**  
 Cartagena, Colombia 3<sup>rd</sup> August 2000
71. "Passive exposure to tobacco smoke"  
**Latin American Thoracic Society – ALAT**  
 Cartagena, Colombia 4<sup>th</sup> August 2000
72. "Tachypnoea and hypoxia in a one year old"  
 Paediatric Grand Rounds  
**European Respiratory Society**  
 Florence, Italy 1<sup>st</sup> September 2000
73. "Measurement of lung function in young children"  
 Meet the Professor  
**European Respiratory Society**  
 Florence, Italy 1<sup>st</sup> September 2000
74. "Allergy in the Australian Aboriginal population"  
**International Congress of Allergology and Clinical Immunology**  
 Sydney, Australia 16<sup>th</sup> October 2000
75. "The genetic basis of asthma and related allergic disorders"  
 Plenary session  
**International Paediatric Respiratory and Allergy Congress**  
 Prague, Czech Republic 1<sup>st</sup> April 2001
76. "Early physiological predictors of respiratory outcome in childhood"  
**International Paediatric Respiratory and Allergy Congress**  
 Prague, Czech Republic 1<sup>st</sup> April 2001
77. "Perth infant follow-up study – longitudinal assessment of airway responsiveness and lung function from birth to 12 years of age"  
 Pre-congress workshop -The Allergic March: Update on prospective birth cohort studies addressing the development of atopy and asthma in childhood."  
**European Academy of Allergy and Clinical Immunology**  
 Berlin, Germany 8<sup>th</sup> May 2001
78. "Prognostic factors of childhood asthma"  
**European Academy of Allergy and Clinical Immunology**  
 Berlin, Germany 10<sup>th</sup> May 2001
79. "Lung function testing in infants"  
**Hong Kong Society of Paediatric Respiriology**  
 Hong Kong 3<sup>rd</sup> June 2001
80. "Inhaled treatment for asthma in infants"  
**Hong Kong Society of Paediatric Respiriology**  
 Hong Kong 3<sup>rd</sup> June 2001
81. "What is the optimal way of monitoring pediatric asthma for research and clinical purposes?"  
**World Asthma Meeting**  
 Chicago, USA 15<sup>th</sup> July 2001
82. "Inhalation therapy for children"  
**III Brazilian Congress of Asthma**  
 Bahia, Brazil 2<sup>nd</sup> August 2001
83. "Pulmonary function evaluation of asthmatics"  
**III Brazilian Congress of Asthma**  
 Bahia, Brazil 3<sup>rd</sup> August 2001
84. "Epidemiology and genetics of asthma"  
**III Brazilian Congress of Asthma**  
 Bahia, Brazil 4<sup>th</sup> August 2001

85. "Asthma in infants and young children -diagnosis and treatment"  
**23<sup>rd</sup> International Congress of Pediatrics**  
 Beijing, China 13<sup>th</sup> September 2001
86. "Aerosol Therapy in Asthma - New Developments?"  
 Plenary session  
**International Society of Aerosols in Medicine**  
 Interlaken, Switzerland 21<sup>st</sup> September 2001
87. "Cellular, Molecular and Genetic Aspects of Airway Inflammation"  
**CIPP V**  
 Nice, France 21<sup>st</sup> February 2002
88. "Associations between airway responsiveness in infancy  
 and respiratory outcome in the first 12 years of life"  
**American Thoracic Society**  
 Atlanta, USA 22<sup>nd</sup> May 2002
89. "Management of asthma from bench to bedside. Management of childhood asthma"  
 Plenary session  
**7<sup>th</sup> Asian Pacific Society of Respirology**  
 Taipei, Taiwan 26<sup>th</sup> October 2002
90. "Genetic anthropology of asthma"  
**Latin American Thoracic Association (ALAT)**  
 Punta del Este, Uruguay 11<sup>th</sup> December 2002
91. "Recent advances in aerosol therapy in children"  
**Latin American Thoracic Association (ALAT)**  
 Punta del Este, Uruguay 11<sup>th</sup> December 2002
92. "Beta 2 adrenergics in the emergency room"  
**Latin American Thoracic Association (ALAT)**  
 Punta del Este, Uruguay 11<sup>th</sup> December 2002
93. "Early markers of future asthma in children"  
**Latin American Thoracic Association (ALAT)**  
 Punta del Este, Uruguay 14<sup>th</sup> December 2002
94. "Early predictors of asthma - lessons from birth cohort longitudinal studies"  
 Plenary session  
**Lithuanian Paediatric Pulmonology Congress**  
 Vilnius, Lithuania 25<sup>th</sup> April 2003
95. "Delivery of drugs in asthmatic children"  
 Plenary session  
**Lithuanian Paediatric Pulmonology Congress**  
 Vilnius, Lithuania 25<sup>th</sup> April 2003
96. "The child with steroid resistant wheeze"  
 Plenary session  
**Lithuanian Paediatric Pulmonology Congress**  
 Vilnius, Lithuania 26<sup>th</sup> April 2003
97. "Evolution of pro-inflammatory immune responses in humans -  
 relevance to current and future patterns of allergy and asthma "  
**American Thoracic Society**  
 Seattle, USA 20<sup>th</sup> May 2003
98. "Children under 5 yrs should be treated with inhaled corticosteroids – No"  
 Plenary session  
**International Society of Aerosols in Medicine (14<sup>th</sup> Congress)**  
 Baltimore, USA June 17<sup>th</sup> 2003
99. "Long term longitudinal respiratory follow-up studies from  
 infancy through childhood"

- Plenary session  
**South African Thoracic Society**  
 Cape Town, South Africa 25<sup>th</sup> August 2003
100. "Genetics of asthma short and long term gene by environment interactions and implications for Africans"  
**South African Thoracic Society**  
 Cape Town, South Africa 26<sup>th</sup> August 2003
101. "Inhaled treatment in infants and children - how to use a practical approach to improve therapy"  
**South African Thoracic Society**  
 Cape Town, South Africa 24-28<sup>th</sup> August 2003
102. "Genetics and IgE"  
 Symposium: Genetics and environmental interactions in asthma  
**World Allergy Organization Congress**  
**International Congress of Allergology and Clinical Immunology**  
 Vancouver, Canada 9<sup>th</sup> September 2003
103. "Interaction of genes with prenatal risk factors"  
 Co-presenter with SM Stick  
 ERS Hot Topic Symposium  
**European Respiratory Society**  
 Vienna, Austria 30<sup>th</sup> September 2003
104. "Allergy immunotherapy is valuable in the treatment of childhood asthma – the case against"  
**CIPP VI**  
 Lisbon, Portugal 1<sup>st</sup> March 2004
105. "Mechanisms of steroid resistance in asthma"  
**CIPP VI**  
 Lisbon, Portugal 1<sup>st</sup> March 2004
106. "Technical requirements for successful delivery of inhaler medicine to children "  
 Clinical Workshop: Appropriate use of devices for inhaled medications in children.  
**American Thoracic Society**  
 Orlando, Florida, USA 24<sup>th</sup> May 2004
107. "Infant lung function testing"  
**International Pediatric Respiratory, Allergy and Immunology Congress**  
 Hong Kong 10<sup>th</sup> July 2004
108. "How edgy is the airway?"  
 Symposium: Pathophysiology of asthma: from dirt to edgy airway  
**International Pediatric Respiratory, Allergy and Immunology Congress**  
 Hong Kong 11<sup>th</sup> July 2004
109. "Paediatric basis of adult respiratory disease"  
 Plenary symposium  
**International Pediatric Respiratory, Allergy and Immunology Congress**  
 Hong Kong 11<sup>th</sup> July 2004
110. "How important is airway remodeling in childhood for later life?"  
**European Respiratory Society**  
 Glasgow, UK 7<sup>th</sup> September 2004
110. "Age-related genetic influences on asthma in childhood and early adulthood"  
 Main symposium. "Genetics of allergic disease"  
**6<sup>th</sup> Asia Pacific Congress in Allergology and Clinical Immunology**  
 Tokyo, Japan 5<sup>th</sup> October 2004
112. "Dose considerations of inhaled corticosteroids and other drugs in humans"  
**International Society of Aerosols in Medicine (15<sup>th</sup> Congress)**  
 Perth, Australia 17<sup>th</sup> March 2005
113. "Evolution and asthma in Asia-Pacific region"

- Symposium  
**Asia Pacific Association of Pediatric Allergy, Respiratory and Immunology**  
 Seoul, Korea 8<sup>th</sup> April 2005
114. "Natural course of childhood asthma"  
 Symposium  
**Asia Pacific Association of Pediatric Allergy, Respiratory and Immunology**  
 Seoul, Korea 8<sup>th</sup> April 2005
115. "Role of inhaled corticosteroids in childhood asthma"  
 Symposium  
**Asia Pacific Association of Pediatric Allergy, Respiratory and Immunology**  
 Seoul, Korea 9<sup>th</sup> April 2005
116. "Pulmonary function of bronchial asthma in children"  
 Plenary lecture  
**Society of Pediatric Pulmonology, Taiwan**  
 Kaohsiung, Taiwan 10<sup>th</sup> April 2005
117. "Inheritance and environmental effect in asthma"  
 Plenary lecture  
**National Workshop of Asthma and Allergic Diseases in Childhood**  
 Beijing, China 12<sup>th</sup> April 2005
118. "Infant pulmonary function testing"  
 Plenary lecture  
**National Workshop of Asthma and Allergic Diseases in Childhood**  
 Beijing, China 12<sup>th</sup> April 2005
119. 'The Interface between laboratory science and clinical practice:  
 how aerosol research has benefited CF therapy'  
**Cystic Fibrosis Association of New Zealand, National Conference**  
 Palmerston North, NZ 14<sup>th</sup> May 2005
120. "Genetic anthropology studies of asthma "  
 Symposium: "Childhood asthma: a global perspective".  
**American Thoracic Society**  
 San Diego, USA 24<sup>th</sup> May 2005
121. "Gene-environment interaction influencing immune system balance"  
 Plenary session  
**International Symposium on Functional Medicine 2005**  
 Palm Springs, California, USA 27<sup>th</sup> May 2005
122. "Parasites and allergy"  
 Symposium: "Infection and allergy"  
**World Allergy Congress**  
 Munich, Germany 27<sup>th</sup> June 2005
123. "Acute and severe asthma in children"  
**Dutch Paediatric Respiratory Society**  
 Groningen, the Netherlands 7<sup>th</sup> October 2005
124. "Intrauterine and extrauterine effects on Respiratory system"  
 Session: "Smoking - Respiratory and Allergic consequences"  
**Joint Meeting of the Paediatric Assembly of the European Respiratory Society and the Section on Paediatrics of the European Academy of Allergology and Clinical Immunology**  
 Prague, Czech Republic 13<sup>th</sup> November 2005
125. "Practical aspects of aerosol therapy in children"  
 Plenary session  
**Colombian Pediatric Pulmonology Congress**  
 Bogotá, Colombia 17 August 2006
126. "Future developments in aerosol delivery in children"  
 Plenary session  
**Colombian Pediatric Pulmonology Congress**

127. Bogot , Colombia 17 August 2006  
 "Asthma in South America - importance of hygiene and parasites"  
**Colombian Pediatric Pulmonology Congress**  
 Bogot , Colombia 18 August 2006
128. "Acute asthma in children - role of viral infections"  
 Plenary session  
**Colombian Pediatric Pulmonology Congress**  
 Bogot , Colombia 19 August 2006
129. "Controversies in immunotherapy in asthma"  
**Colombian Pediatric Pulmonology Congress**  
 Bogot , Colombia 20 August 2006
130. "Evolution and respiratory genetics"  
 Symposium: "Genes, environment and the lung"  
**European Respiratory Society**  
 Munich, Germany 5 September 2006
131. "Human evolution and asthma and allergy in the 21<sup>st</sup> century".  
 C. Elaine Field Lecture  
**Hong Kong Paediatric Society**  
 Hong Kong 28 March 2007
132. "Obesity and asthma"  
**World Asthma Meeting**  
 Istanbul, Turkey 24 June 2007
133. "Special features of treatment in children"  
**VII International Symposium of Asthma and ENT**  
 Cordoba, Argentina 14 August 2007
134. "Variations in genetic influences on the development of asthma  
 throughout childhood, adolescence and early adult life"  
**XXXI Annual Meeting AAAeIC & XI Congress of the South Cone SLAAI**  
 Buenos Aires, Argentina 16 August 2007
135. "Inhalation therapy"  
 Symposium: "Management of asthma"  
**XXXI Annual Meeting AAAeIC & XI Congress of the South Cone SLAAI**  
 Buenos Aires, Argentina 18 August 2007
136. "Ethnic variations in asthma and allergy"  
**World Allergy Congress**  
 Bangkok, Thailand 5 December 2007
137. "Pharmacogenetics of asthma"  
 Symposium: Obstructive lung diseases – Genetics of asthma and allergy  
**8<sup>th</sup> International Congress on Pediatric Pulmonology (CIPP)**  
 Nice, France 29 March 2008
138. "Updates in Viruses and Wheeze: Antenatal Factors and Postnatal Effects"  
 Symposium: "Obstructive lung diseases : Asthma in the infant and the toddler"  
**8<sup>th</sup> International Congress on Pediatric Pulmonology (CIPP)**  
 Nice, France 30 March 2008
139. "What is new in the understanding of acute asthma"  
**8<sup>th</sup> International Congress on Pediatric Pulmonology (CIPP)**  
 Nice, France 31 March 2008
140. "Childhood asthma is an immune deficiency disorder"  
 Hot Topic Symposium: "Should asthma no longer be considered as an allergic disease?"  
**European Respiratory Society**  
 Berlin, Germany 8 October 2008
141. "Immunogenetics, Viruses and Asthma"  
 Plenary lecture  
**Asia Pacific Association of Pediatric Allergy,Respirology & Immunology**

- Su Zhou, China 18 April 2009
142. "Factors affecting prevalence of Allergy and Asthma in the Asia-Pacific Region"  
Plenary lecture  
**Asia Pacific Association of Pediatric Allergy, Respiratory & Immunology**  
Su Zhou, China 19 April 2009
143. "Con: allergen avoidance is not useful in preventing allergy in children"  
Symposium Pro/Con Debate: "Prevention of allergy by changing the infant's diet: the emperor's new clothes?"  
**European Respiratory Society**  
Vienna, Austria 15 September 2009
144. "Genetic and epigenetic environmental interactions in the development of atopic asthma"  
Plenary lecture  
**Chilean Society of Respiratory Diseases, 42<sup>nd</sup> Annual Meeting**  
Termas de Quinamavida, Chile 4-7 November 2009
145. "The role of viruses in acute wheezing in children"  
**Chilean Society of Respiratory Diseases, 42<sup>nd</sup> Annual Meeting**  
Termas de Quinamavida, Chile 4-7 November 2009
146. "How well do physiological measurements in infancy predict asthma in childhood?"  
**Chilean Society of Respiratory Diseases, 42<sup>nd</sup> Annual Meeting**  
Termas de Quinamavida, Chile 4-7 November 2009
147. "Evolution and respiratory genetics"  
**British Association for Lung Research / British Thoracic Society**  
London, UK 2 December 2009
148. "Asthma from genes to treatment"  
Charles Nasptiz Special Lecture (plenary lecture)  
**1st WAO Global Conference on Pediatric Asthma  
World Allergy Congress 2009**  
Buenos Aires, Argentina 10 December 2009
149. "Optimal delivery of inhaled treatment"  
**1st WAO Global Conference on Pediatric Asthma  
World Allergy Congress 2009**  
Buenos Aires, Argentina 10 December 2009
150. "Acute Severe Asthma Exacerbations in Children – role of Viruses and Genetics"  
Session: Pathogenesis of Asthma Exacerbations I  
**2nd International Congress on Exacerbations of Airway Disease (ICEAD II)**  
Miami 17 April 2010
151. "What is the evidence that virus infections induce an asthma phenotype?"  
Symposium: From first hit to the chronicity of asthma  
**American Thoracic Society**  
New Orleans 18 May 2010
152. "Asthma Phenotypes"  
Plenary lecture to open the "Young Investigator Plenary Session"  
**9<sup>th</sup> International Congress on Pediatric Pulmonology (CIPP)**  
Vienna 19 June 2010
153. "Atopy Is Important in Asthma" Con in pro-con debate  
Session: "Obstructive Lung Diseases: Controversies in Asthma and Atopy"  
**9<sup>th</sup> International Congress on Pediatric Pulmonology (CIPP)**  
Vienna 20 June 2010

## 5.2 INVITED LECTURES AT UNIVERSITIES AND INSTITUTES (INTERNATIONAL)

1. "Non-invasive measurement of lung function in infants"  
**University College Hospital, University of London, UK** 22nd January 1983
- 2.. "Pressure transmission across the chest wall in infants"  
**Hospital for Sick Children, University of Toronto, Canada** 16th May 1986

3. "Assessment of lung function in infants"  
**Hammersmith Hospital, University of London, UK** 22nd May 1986
4. "Airway responsiveness in infants - insights into how asthma begins"  
**National University Hospital, University of Singapore** 27th April 1988
5. "Airway responsiveness in infants"  
**Hospital for Sick Children, University of Toronto, Canada** 3rd May 1988
6. "Airway responsiveness in early life"  
**Southampton General Hospital, University of Southampton, UK** 22nd March 1990
7. "Physiological studies in detecting evidence of asthma in early life"  
**Asthma Genetics Group, University of Oxford, UK** 10th June 1991
8. "Infant lung function assessment in infants"  
**Sheffield Children's Hospital, University of Sheffield, UK** 5th September 1991
9. "Lung function in infants"  
**Bristol Institute of Child Health guest lecture**  
**Royal Hospital for Sick Children, University of Bristol, UK** 17th October 1991
10. "Molecular genetics of asthma"  
**IW Killam Hospital, University of Nova Scotia, Canada** 11th November 1991
11. "Using molecular biological techniques to discover the cause of asthma"  
**Health Sciences Center, The University of Arizona, USA** 27th November 1991
12. "Problems with standardisation of airway responsiveness testing in children"  
**Health Sciences Center, The University of Arizona, USA** 4th December 1991
13. "Genetics in pediatric asthma - how can it help us?"  
**Tucson-Perth Pediatric Pulmonology Workshop**  
**Health Sciences Center, The University of Arizona, USA** 14th May 1992
14. "Genetics of asthma - infant studies and molecular techniques"  
**Nth Carolina Medical Centre, University of Nth Carolina, USA** 10th Sept 1992
15. "Paediatric aspects of asthma genetics"  
**Health Sciences Center, The University of Arizona, USA** 18th May 1994
16. "Recent advances in the molecular genetics of asthma"  
**Dunedin Hospital, University of Otago, New Zealand** 8th July 1995
17. "Recent advances in aerosol therapy in children"  
**Christchurch Children's Hospital, University of Christchurch, NZ** 9th July 1995
18. "Aerosol delivery in infants and young children"  
**Starship Children's Hospital, University of Auckland** 10th July 1995
19. "Relevance of twin studies to molecular genetics of asthma"  
**Odense Hospital, Odense University, Denmark** 23rd April 1997
20. "Common pathways in the molecular genetics of asthma & parasitic disease"  
**Wellington Hospital, University of Otago, New Zealand** 19th December 1997
21. "Evolution of the immune system in modern man"  
**Gaslini Research Institute, Genoa, Italy** 25<sup>th</sup> February 2002
22. "Has recent evolution of the immune human immune system  
determined current disease processes?"  
" **Charité Hospital, Virchow-Klinikum, Berlin University, Germany** 6<sup>th</sup> May 2002
23. "Asthma and allergy:  
Genes, the environment and time"  
**Bispebjerg Hospital, University of Copenhagen, Denmark** 24<sup>th</sup> May 2002
24. "Physiological and genetic markers of asthma in early life"  
**Universidade Catolica Pontifia de Porto Alegre, Brasil** 14<sup>th</sup> December 2002
25. "Immunogenetics of responses to vaccines"  
**Wilhelmina Children's Hospital, University Medical Center**

- Utrecht, Netherlands** 29<sup>th</sup>  
April 2003
26. "Relationship between evolution and the genetics of the immune system"  
**Red Cross Children's Hospital, Cape Town, South Africa** 28<sup>th</sup> August 2003
27. "Why genetics is important for infectious disease"  
**Centro de Investigacao en Saude da Manhica, Facultad de Medicina  
Universidad Eduardo Mondlane, Mozambique  
Manhica, Mozambique** 1<sup>st</sup> September 2004
28. "Myths in paediatric respiratory medicine"  
**University of Taipei, Taipei, Taiwan** 11<sup>th</sup> April 2005
29. "Acute asthma in children – what happens during an attack"  
**Beatrix Children's Hospital, Groningen, The Netherlands** 5<sup>th</sup> October 2005
30. "Acute asthma is due to immunodeficiency"  
**Royal Brompton Hospital, London, United Kingdom** 17<sup>th</sup> May 2006
31. "Impaired immune responses and infection in early life - the role  
of atopic genotypes and parental smoking"  
**Centre for International Health  
University of Barcelona, Spain** 4<sup>th</sup> October 2006
32. "Evolution of human immune responses"  
**Institute of Medical Genetics, University of Siberia  
Tomsk, Siberia, Russia** 21 March 2007
33. "Acute asthma in children – why are viruses the most important cause?"  
**The University of Hong Kong  
Hong Kong** 27 March 2007
34. "In asthma, atopy is just a marker for an impaired ability to fight viral infections"  
**Arizona Respiratory Centre  
University of Arizona Health Sciences Center  
Tucson, Arizona, USA** 16 May 2007
35. "Human evolution, immune function and susceptibility to infectious  
disease in tropical populations"  
**The International Centre for Genetic Engineering and Biotechnology  
New Delhi, India** 26 October 2007
36. "Impaired Th1 immune response not allergy is the main problem of  
acute asthma in children"  
**University of Malaya  
Kuala Lumpur, Malaysia** 14 November 2007
37. "Immunogenetics of vaccine responses: potential problems for  
populations with ancestry in the tropics"  
**WHO Vaccines Group, World Health Organization  
Geneva, Switzerland** 19 November 2007

#### **INVITED LECTURES AT SCIENTIFIC SYMPOSIA ORGANISED BY INDUSTRY**

- 5.3 **NATIONAL**
1. "Delivery of drugs to patients with cystic fibrosis"  
**MedicAid Symposium**  
Canberra 1<sup>st</sup> March 1999
2. "The destination for inhaled treatment"  
**3M Symposium**  
Brisbane 17<sup>th</sup> March 2001

#### 5.4 **INTERNATIONAL**

1. "General introduction: different nebulisers, compressors, fate of nebulised drugs"  
Astra Draco  
**Workshop on Budesonide Nebulising Suspension**  
Paris, France 16th April 1994
2. "What is asthma? Inhalation therapy, the cornerstone of asthma management"  
Glaxo Satellite Symposium  
**International Congress on Aerosols in Medicine in Health and Disease**  
Cairo, Egypt 25th November 1994
3. "What lung deposition data is available in children?"  
Astra Draco Seminar  
**Delivering Pharmaceuticals to Young Children with Respiratory Disease**  
Milan, Italy 2nd November 1995
4. "Further developments of the squeeze jacket technique:  
Why and how should it take place?"  
Astra Draco Seminar  
**Delivering Pharmaceuticals to Young Children with Respiratory Disease**  
Milan, Italy 2nd November 1995
5. "Should the delivered dose of inhaled drug be adjusted to the young patients weight, body mass  
index, body surface area, lung volume or lung surface area?"  
Astra Draco Seminar  
**Delivering Pharmaceuticals to Young Children with Respiratory Disease**  
Milan, Italy 3rd November 1995
6. "My thoughts on an ideal inhaler"  
Astra Draco Workshop  
**Future Trends in Inhalational Technology**  
Venice, Italy 30th March 1996
7. "Unlocking the genetic key. Fact or fiction?"  
Astra Symposium  
**Asthma Begins in Childhood**  
Salzburg, Austria 3rd May 1996
8. "Lung function measurements: a challenge in childhood asthma"  
Astra Symposium  
**Satellite of 2nd Congress International de Pneumologie Pediatrique**  
Nice, France 3rd June 1996
9. "Genetics - what do we need to know?"  
Fourth International Respiratory Forum, GlaxoWellcome  
**"The Management of Paediatric Asthma"**  
Royal College of Physicians, London, UK 18th November 1996
10. "Nebuliser therapy - which way forward?"  
Astra Draco  
**"Nebulised budesonide and nebuliser technology"**  
West Sussex, United Kingdom 27th January 1997
11. "Chairman's introduction"  
Fifth International Respiratory Forum, GlaxoWellcome  
**"The Science and Clinical Relevance of Delivery Systems"**  
Royal College of Physicians, London, UK 25th March 1997
12. "The meaning of lung dose"  
**"Asthma begins in childhood"**  
Astra Draco Symposium  
Prague, Czech Republic 15th May 1998
13. "How to improve inhalation therapy"  
**"Rationale therapy for the new century"**  
**GlaxoWellcome Satellite Symposium**  
**XVI World Congress of Asthma**  
Buenos Aires, Argentina 18th October 1999

14. "Delivery of aerosols to infants and young children"  
**Viropharma Symposium**  
Exton, Pennsylvania, USA 21<sup>st</sup> February 2000
15. "New concepts for managing paediatric asthma"  
**3M Satellite Symposium**  
**2<sup>nd</sup> European Conference on Paediatric Asthma**  
London 23<sup>rd</sup> November 2000
16. "New perspectives on the growing prevalence of paediatric asthma"  
**3M Satellite Symposium**  
**International Paediatric Respiratory and Allergy Congress**  
Prague, Czech Republic 1 April 2001
17. "Is asthma caused by inadequate defenses against respiratory viruses?"  
**Today and Tomorrow - Frontiers in Respiratory Medicine**  
**MSD Global Respiratory Advisory Board Meeting**  
Paris, France 17 November 2007

## 6. CHAIRED SESSIONS:

### 6.1 NATIONAL CHAIRED SESSIONS

1. "Cell adhesion molecules in asthma and inflammation"  
**Thoracic Society of Australia and New Zealand Advanced Course in Molecular Biology**  
Christchurch, New Zealand 9th September 1993
2. "Asthma - genetics"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Perth 25th March 1996
3. "Asthma immunology and epidemiology"  
**Australian Society of Clinical Allergy and Immunology**  
Perth 28<sup>th</sup> September 2001
4. Asthma and allergy SIG  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Cairns 26th March 2002
5. "Genetics"  
Asthma and allergy SIG  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Adelaide 8<sup>th</sup> April 2003
6. "Respiratory molecular genetics"  
**Thoracic Society of Australia and New Zealand Annual Scientific Meeting**  
Perth 20<sup>th</sup> March 2005

### 6.2 INTERNATIONAL CHAIRED SESSIONS

1. "Infant lung function"  
**International Paediatric Respiratory Meeting**  
Terrigal, NSW 9th March 1988
2. "Airway responsiveness in children"  
**American Thoracic Society Annual Scientific Meeting**  
Boston, USA 24th May 1990
3. "Quality Control in Paediatric Respiratory Medicine"  
**European Paediatric Respiratory Meeting**  
Oslo, Norway. 22nd January 1993
4. "Aerosol delivery to the ventilated neonate"  
Aerosols in Medicine  
**International Society of Aerosols in Medicine Scientific Meeting**  
Garmisch-Partenkirchen, Germany 1st April 1993

5. "Infant pulmonary function measurements"  
**American Thoracic Society Annual Scientific Meeting**  
San Francisco, USA 16th May 1993
6. "Recent advances in aerosol therapy"  
**International Congress on Aerosols in Medicine in Health and Disease**  
Cairo, Egypt 24th November 1994
7. "New concepts in aerosol therapy: management of asthma, COPD and miscellaneous"  
**International Society for Aerosols in Medicine Scientific Meeting**  
Hamilton, Canada 17th May 1995
8. "Early determinants of childhood asthma"  
**European Respiratory Society Annual Congress**  
Barcelona, Spain 18th September 1995
9. "Nebuliser therapy in CF"  
**Satellite meeting of XIIth International Cystic Fibrosis Conference**  
Jerusalem, Israel 17th June 1996
10. "Inhaled therapy: improving the inhalers"  
**European Respiratory Society Annual Congress**  
Stockholm, Sweden 9th September 1996
11. "Spacers and other inhalation devices in children"  
**European Respiratory Society Annual Congress**  
Stockholm, Sweden 11th September 1996
12. "Early childhood asthma: populations to basic mechanisms"  
**European Respiratory Society Annual Congress**  
Geneva, Switzerland 20th September 1998
13. "Paediatric inhalation therapy"  
**European Respiratory Society Annual Congress**  
Geneva, Switzerland 23rd September 1998
14. "The development of atopy and asthma in childhood"  
**International Symposium**  
Fulda, Germany 11th February 1999
15. "Genetics of airway inflammation"  
**European Respiratory Society Annual Congress**  
Madrid, Spain 13<sup>th</sup> October 1999
16. "Recent advances in aerosol therapy in infants and young children"  
**CIPP IV**  
Nice, France 24<sup>th</sup> February 2000
17. "Risk factors for asthma, atopy and bronchial hyper-responsiveness"  
**European Respiratory Society Annual Congress**  
Florence, Italy 31st August 2000
18. "News in inhalation techniques and aerosol therapy in children with asthma"  
**European Respiratory Society Annual Congress**  
Florence, Italy 3rd September 2000
19. "News in inhalation therapy and devices in childhood asthma"  
**European Respiratory Society Annual Congress**  
Berlin 25<sup>th</sup> September 2001
20. "Diagnostic approach to asthma"  
**CIPP V**  
Nice, France 21<sup>st</sup> February 2002
21. "Updates of inhalation therapy in children"  
**European Respiratory Society Annual Congress**  
Stockholm 17<sup>th</sup> September 2002

22. "Advances in the genetics of asthma – positional cloning and evolutionary genetics"  
**American Thoracic Society**  
 Seattle 20<sup>th</sup> May 2003
23. "Airway remodelling"  
**CIPP VI**  
 Lisbon 2<sup>nd</sup> March 2004
24. "Appropriate use of devices for inhaled medications in children "  
**American Thoracic Society**  
 Orlando, Florida, USA 24<sup>th</sup> May 2004
25. "Risk factors associated with pediatric asthma "  
**American Thoracic Society**  
 Orlando, Florida, USA 24<sup>th</sup> May 2004
26. "Genetics of asthma and its impact on pharmacotherapy"  
**6<sup>th</sup> Asia Pacific Congress in Allergology and Clinical Immunology**  
 Tokyo, Japan 7<sup>th</sup> October 2004
27. "Genetics of allergy and asthma"  
**World Allergy Congress**  
 Munich, Germany 30<sup>th</sup> June 2005
28. "Smoking - Respiratory and Allergic Consequences"  
 Joint Meeting of the **Paediatric Assembly of the European Respiratory Society and the Section on Paediatrics of the European Academy of Allergology and Clinical Immunology**  
 Prague, Czech Republic 13<sup>th</sup> November 2005
29. "Genes in asthma"  
**World Asthma Meeting**  
 Istanbul Turkey 25 June 2007
30. "The role of gene polymorphisms in pulmonary disease susceptibility"  
**European Respiratory Society**  
 Stockholm, Sweden 16 September 2007
31. "Pediatric Allergy and Asthma I"  
**World Allergy Congress**  
 Bangkok, Thailand 3 December 2007
32. "Respiratory sleep disorder syndromes in childhood" and "Lung function testing in infant and young children "  
**Asia Pacific Association of Pediatric Allergy,Respirology & Immunology**  
 Su Zhou, China 19 April 2009
33. "Asthma, genetics and the environment"  
 Joint BTS/BPRS symposium  
**British Association for Lung Research / British Thoracic Society**  
 London, UK 2 December 2009
34. "Session 5 - 1st WAO Global Conference on Pediatric Asthma"  
**World Allergy Congress 2009**  
 Buenos Aires, Argentina 10 December 2009

### 6.3 CHAIRED SESSIONS AT INTERNATIONAL SCIENTIFIC SYMPOSIA (INDUSTRY)

1. "Nebuliser technology"  
 Astra Draco  
**"Nebulised budesonide and nebuliser technology"**  
 West Sussex, United Kingdom 27th January 1997
2. "Nebulisers, spacers and environmental concerns about the ozone layer"  
 Fifth International Respiratory Forum, GlaxoWellcome  
**"The Science and Clinical Relevance of Delivery Systems"**  
 Royal College of Physicians, London, UK 25th March 1997

3. "Delivery: the final hurdle"  
**"Asthma begins in childhood"**  
 Astra Draco Symposium  
 Prague, Czech 15th May 1998

## 7. INTERNATIONAL CONFERENCE ORGANIZATION

### INTERNATIONAL SYMPOSIA ORGANISED

1. "Aerosols in infants and young children"  
 Aerosols in Medicine  
**International Society for Aerosols in Medicine Scientific Meeting**  
 Garmisch-Partenkirchen, Germany 1st April 1993
2. "Recent advances in aerosol therapy in infants and young children"  
**CIPP IV**  
 Nice, France 24<sup>th</sup> February 2000
3. "Advances in the genetics of asthma – positional cloning and evolutionary genetics"  
**American Thoracic Society**  
 Seattle 20<sup>th</sup> May 2003
4. "Appropriate use of devices for inhaled medications in children "  
**American Thoracic Society**  
 Orlando, Florida, USA 24<sup>th</sup> May 2004

### INTERNATIONAL CONFERENCE ORGANISED (chair of organizing committee)

1. **International Society of Aerosols in Medicine Conference**  
 Perth March 2005

## 8. SUPERVISION

### 8.1 THESIS SUPERVISION - UNDER-GRADUATE, POST-GRADUATE AND HONOURS:

- 8.1.1 **Bachelor of Medical Science:**  
 R Albuquerque "Relation between polymorphisms in the TNF-alpha gene and atopy"  
**First class** honours awarded 1997
- 8.1.2 **Honours**
- Debra Turner Principal supervisor (co-supervision with Dept of Physiology, Uni of WA)  
 "Bronchoreactivity in infants"  
**First class** honours awarded 1986
- Claire Ramsay Principal supervisor (co-supervision with J Goldblatt and Dept of Microbiology, Uni of WA)  
 "Genotype/phenotype relations for polymorphisms in the gene for the beta-2 adrenoreceptor"  
**First class** honours awarded 1997
- Deanne Hurley Principal supervisor (co-supervision with J Goldblatt and Dept of Microbiology, Uni of WA)  
**IIA Honours** awarded 1999
- Joelene Bizzintino Co-supervisor (principle supervisor C Hayden & Dept of Microbiol, UWA)  
**First class** honours awarded July 2005
- Holly Clifford Co-supervisor (principle supervisor C Hayden & Dept of Pathology, UWA)  
**First class** honours awarded Dec 2005
- Carryn Maclean Principal supervisor (co-supervision with J Goldblatt and Dept of Microbiology, Uni of WA)  
**First class** honours awarded Dec 2005
- Sing C Lee Principal supervisor (co-supervision with I Laing, B Hales, J Goldblatt)  
 BMedSci, Faculty of Medicine, Dentistry and Health Sciences, UWA  
**First class** honours awarded 2008

8.1.3 **Master of Science or Master of Medical Science**

- Sally Young Principal supervisor (MSc)  
 "Physiology: infant respiratory function and airway responsiveness. Genetic and environmental influences on the development of asthma in childhood"  
 Converted to PhD
- Ingrid Laing Principal supervisor (MSc)  
 "Mutation screen and functional studies of polymorphisms in the gene for CC16"  
 Enrolled 1997, Converted to PhD 1999

8.1.4 **PhD completed**

1. Debra Turner  
 Principal supervisor (co-supervisor PD Sly)  
 "Respiratory mechanics at a raised lung volume in infants"  
 University of Western Australia  
 Passed May 1994
2. Sally Young  
 Co-supervisor (principal supervisor L Landau)  
 "Physiology: infant respiratory function and airway responsiveness. Genetic and environmental influences on the development of asthma in childhood"  
 University of Western Australia  
 Passed 1996
3. Stephen Stick  
 Principal supervisor (co-supervisor PD Sly)  
 "Physiology of infant airways in early life and relationship to lower respiratory tract disease"  
 University of Western Australia  
 Passed May 1997
4. Lyle Palmer  
 Principal supervisor (co-supervisors J Goldblatt, P Burton)  
 "Molecular genetics of asthma in infancy"  
 University of Western Australia  
 Passed with distinction February 1998
5. Johannes Wildhaber  
 Principal supervisor  
 "Technical aspects of aerosol delivery in infants and children"  
 University of Western Australia  
 Passed December 2000
6. Anne O'Donnell  
 Principal supervisor (co-supervisor J Goldblatt)  
 "Genotype/phenotype relations in a cohort with longitudinal follow-up of asthma-related parameters"  
 University of Western Australia  
 Passed February 2003
7. Jenny Downes  
 Co-supervisor (principal supervisor S Jenkins)  
 "Education and home therapy for cystic fibrosis"  
 Curtin University, Western Australia  
 Enrolled 1997, passed 2004
8. Parveenjeet Judge  
 Principal supervisor (co-supervisor J Goldblatt)  
 "Molecular genetic analysis of a longitudinal infant cohort"  
 University of Western Australia  
 Enrolled 1997, passed June 2005
9. Ingrid Laing  
 Principal supervisor (co-supervisor J Goldblatt)  
 "Studies of the gene for CC16 and its involvement in asthma"  
 University of Western Australia  
 Enrolled 1999, Submitted Dec 2004, passed June 2005
10. Pierre Candelaria  
 Principal supervisor (co-supervisor J Goldblatt)

"Evolution of the immune system in humans"  
 University of Western Australia  
 Enrolled 2000, Submitted Jan 2007, passed June 2007

11. Gareth Baynam

Principal supervisor (co-supervisor J Goldblatt)  
 "Genetics of response to vaccines"  
 University of Western Australia  
 Enrolled Feb 2003, submitted Sept 2007, passed Nov 2008

**PhD Currently enrolled**

André Schultz Principal supervisor (co-supervisor S Devadason)  
 "Evaluation of an incentive device for aerosol delivery"  
 University of the Free State  
 Bloemfontein, South Africa  
 Enrolled 2005, submitted 7 October 2009

Holly Clifford Co-supervisor (principle supervisor C Hayden)  
 "Genetics of responses to measles and other vaccines"  
 University of Western Australia  
 Enrolled 2006

Joelene Bizzintino Principal supervisor (co-supervisor I Laing, J Goldblatt)  
 "The role of viruses in acute asthma in children"  
 University of Western Australia  
 Enrolled 2007

Jasminka Murdzoska Co-supervisor (Principal supervisor S Devadason)  
 "Interactions between glutathione S-transferase and polymorphisms and ETS  
 exposure on detoxification and asthma"  
 University of Western Australia  
 Enrolled 2007

May Ali Principal supervisor  
 "The role of maternal genetics on immunological outcome in the infant"  
 University of Western Australia  
 Enrolled April 2008

**MD**

Mark Hayden Principal supervisor (co-supervisor PD Sly)  
 "Further development of the raised volume infant's lung function technique"  
 London University  
 Passed August 2000

Steven Turner Principal supervisor  
 "12 year follow-up of infants in longitudinal respiratory study"  
 University of Leicester, UK  
 Passed August 2003

Andrew Martin Principal supervisor (co-supervisors A Bush, J Goldblatt)  
 "Genetics of acute asthma"  
 London University  
 Passed June 2009

8.2 **Supervision of 'Advanced Training'**

**Royal Australasian College of Physicians**

|                      |           |
|----------------------|-----------|
| Dr Hock Leng Chua    | 1988-90   |
| Dr Grant Stone       | 1989      |
| Dr Catherine Cole    | 1989      |
| Dr Stephen Stick     | 1992-93   |
| Dr Cherry Martin     | 1996      |
| Dr Nigel Dore        | 1996-97   |
| Dr Parveenjeet Judge | 1997-2000 |
| Dr Raewyn Mutch      | 1998      |
| Dr Anne O'Donnell    | 1998-2001 |
| Dr Adelaide Withers  | 2009-     |

**Royal College of Physicians of Ireland**

|                  |        |
|------------------|--------|
| Dr David Mullane | 2006-8 |
|------------------|--------|

|     |   |           |   |
|-----|---|-----------|---|
| 8.3 | <b>Supervision of Scholarship Holders</b> (principal supervisor): |           |   |
|     | Dr Stephen Stick  | 1988-89   | Telethon Scholarship                        |
|     |   | 1990-92   | NHMRC Fellowship                            |
|     | Dr Hock Leng Chua   | 1989      | Telethon Scholarship                        |
|     |   | 1990-92   | NHMRC Fellowship                            |
|     | Dr Ho Ling  | 1989-90   | Singapore Government Medical Scholarship    |
|     | Dr Neil Gibson  | 1993-94   | British Med Assoc Travelling Fellowship     |
|     | Lyle Palmer   | 1993-96   | NHMRC Scholarship                           |
|     | Dr Johannes Wildhaber   | 1995-98   | Swiss Government Scholarship                |
|     | Dr Paul O'Keeffe  | 1996      | British Medical Assoc Travelling Fellowship |
|     | Dr Frederic Pierart   | 1997-98   | Belgian Industry Research Fellowship        |
|     | Dr Parveenjeet Judge  | 1997-98   | Telethon Fellowship                         |
|     |   | 1999-2000 | NHMRC Fellowship                            |
|     |   | 2000      | UWA PhD Scholarship                         |
|     | Dr Raewyn Mutch   | 1998      | Telethon Fellowship in Adolescent Medicine  |
|     | Dr Anne O'Donnell   | 1999-2002 | TSANZ Allen and Hanbury's Fellowship        |
|     | Ingrid Laing  | 1999-2001 | NHMRC Fellowship                            |
|     |   | 2001-2002 | Asthma Foundation WA PhD Scholarship        |
|     |   | 2001-2002 | CRC "top-up" Scholarship                    |
|     | Pierre Candelaria   | 2002-2005 | UWA PhD Scholarship                         |
|     | Dr Gareth Baynam  | 2003      | Telethon Fellowship in Clinical Genetics    |
|     |   | 2004-2005 | Saw Medical Research Fellowship, UWA        |
|     | Selma Wiertsema   | 2004      | Dept Education, Science & Training Award    |
|     | Dr Laurel Teoh  | 2004-2005 | UWA PhD Scholarship                         |
|     |   | 2004-2005 | NHMRC Fellowship                            |
|     | Dr André Schulz   | 2006      | Telethon Clinical Research Fellowship       |
|     | Dr Pierre Candelaria  | 2007-     | UWA Career Development Scholarship          |
|     | Dr Guicheng Zhang   | 2007-     | NHMRC Public Health Training Fellowship     |
|     | Dr David Mullane  | 2008      | Telethon Clinical Research Fellowship       |
|     | May Ali   | 2009 -    | UWA PhD Scholarship                         |
|     | Dr Desmond Cox  | 2010      | Telethon Clinical Research Fellowship       |

#### 8.4 **Supervision of Fellows Training in Paediatric Respiratory Medicine**

Principal research supervisor (all fellows)  
 Principal clinical supervisor (unless otherwise noted, \* = co-supervisor, clinical training)

|                       |            | <u>Research area</u>                       |
|-----------------------|------------|--|
| Dr Gary Geelhoed      | 1987-89    | Physiology                                 |
| Dr Stephen Stick      | 1988-93    | Physiology                                 |
| Dr John Henderson*    | 1989-90    | Physiology                                 |
| Dr Ho Ling            | 1989-90    | Physiology                                 |
| Dr Hock Leng Chua     | 1989-92    | Aerosol sciences, physiology               |
| Dr Paul O'Keeffe*     | 1992-94,96 | Physiology, epidemiology                   |
| Dr Mark Everard       | 1993-95    | Aerosol science                            |
| Dr Neil Gibson        | 1993-94    | Epidemiology, physiology                   |
| Dr Peter Rye          | 1994-96    | Molecular genetic epidemiology, physiology |
| Dr Mark Hayden        | 1994-96    | Physiology                                 |
| Dr Johannes Wildhaber | 1995-98    | Aerosol science                            |
| Dr Nigel Dore         | 1996-98    | Physiology                                 |
| Dr Frederic Pierart   | 1997-98    | Aerosol science, physiology                |
| Dr Parveenjeet Judge  | 1997-2000  | Molecular genetics, epidemiology           |
| Dr Anne O'Donnell     | 1998-2002  | Asthma molecular epidemiology              |
| Dr Raewyn Mutch       | 1998       | Asthma in adolescents                      |
| Dr Stephen Turner     | 1999-2001  | Asthma epidemiology                        |
| Dr Andrew Martin      | 2003-04    | Asthma molecular genetics                  |
| Dr Laurel Teoh        | 2004       | Asthma molecular genetics                  |
| Dr André Schulz       | 2004-2008  | Aerosol science                            |
| Dr David Mullane      | 2006-2009  | Asthma epidemiology                        |
| Dr Desmond Cox        | 2009-      | Asthma epidemiology                        |

8.5 **Supervision of Post-Doctoral Researchers**

Principal supervisor unless noted otherwise, \* = co-supervisor

**Post-PhD**

|                    |                |                      |
|--------------------|----------------|----------------------|
| Stuart Boyer       | 1995           | Molecular genetics   |
| Sunalene Devadason | 1996-2001      | Aerosol science      |
| Catherine Hayden   | 1996 - present | Molecular genetics   |
| Guicheng Zhang     | 2005 -         | Biostatistics        |
| Selma Wiertsema*   | 2006 -         | Molecular genetics   |
| Pierre Candelaria  | 2007-          | Genetic epidemiology |

**Post-MD**

|                  |         |                      |
|------------------|---------|----------------------|
| Tom Warshawski   | 1992    | Physiology           |
| Ernst Eber       | 1995-96 | Molecular genetics   |
| Frederic Pierart | 1996-98 | Aerosol science      |
| Hettie Jannsens  | 1997    | Aerosol science      |
| Kristina Rüter   | 2002-05 | Genetic epidemiology |

8.6 **Supervision of Research Assistants**

Principal supervisor unless noted otherwise, \* = co-supervisor

|                    |              |   |
|--------------------|--------------|---|
| Debra Turner       | 1987-93      | Physiology                                |
| Susan Morgan       | 1987         | Physiology                                |
| Sally Young*       | 1987-93      | Epidemiology, physiology                  |
| Moreen Cox         | 1988-2008    | Clinical studies                          |
| Glen Collis        | 1988-90      | Aerosol science                           |
| Marion Passarelli  | 1988         | Epidemiology                              |
| Amanda Reese       | 1989-90,93   | Epidemiology, physiology, aerosol science |
| Jacqueline Arnott  | 1989-93      | Epidemiology                              |
| Emma Ellis*        | 1990-92,94   | Physiology                                |
| Denis Konstant     | 1991-92      | Aerosol science                           |
| Jennie Linto       | 1993-96      | Clinical studies                          |
| Sunalene Devadason | 1993-96      | Aerosol science                           |
| Emma Periera       | 1994-97      | Molecular genetics                        |
| Stuart Boyer       | 1994-95      | Molecular genetics                        |
| Catherine Hayden   | 1995-96      | Molecular genetics                        |
| Ingrid Laing       | 1995-98      | Molecular genetics                        |
|                    | 2002-05      | Molecular genetics                        |
| Inge Vrancken      | 1997-98      | Aerosol science                           |
| Claire Ramsay      | 1997-98      | Molecular genetics                        |
| Tiffany Huang*     | 1998-2000    | Aerosol science                           |
| Sharyn Walker*     | 1999-2003    | Aerosol clinical studies                  |
| May Ali            | 1999-2003    | Molecular genetics                        |
|                    | 2006 -08     | Molecular genetics                        |
| Siewkim Khoo       | 2000-present | Molecular genetics                        |
| Sharon Szefczyk    | 2002         | Molecular genetics                        |
| Brad Zhang         | 2003 -07     | Biostatistics                             |
| Joelene Bizzintino | 2005 -07     | Molecular genetics                        |
| Holly Clifford*    | 2005 -07     | Molecular genetics                        |
| Carryn McLean      | 2005 -07     | Molecular genetics                        |
| Ashraf Sharifi     | 2007 -08     | Epidemiology, genetics                    |
| En Nee Ng          | 2007 -       | Immunogenetics                            |