

Curriculum vitae : Dr Paul Noakes (DOB: 16.08.1973)

1. **Current Post:** Postdoctoral Research Fellow, School of Medicine, University of Southampton

2. Previous employment history

2001-2005 PhD Candidate, School of Paediatrics & Child Health, University of Western Australia.
 2005-2006 Research Officer (L5), School of Paediatrics & Child Health, University of Western Aust.
 2006-2007 Research Associate, School of Paediatrics & Child Health, University of Western Aust.

3. Qualifications

1996 B.Sc(Hons.), Biochemistry, Murdoch University, Perth, Western Australia
 2000 B.Sc, Molecular Biology, Murdoch University, Perth, Western Australia
 2006 Ph.D., Immunology, University of Western Australia, Perth, Western Australia

4. Publications

1. Feldwick, M.G., **Noakes, P.S.**, Prause, U., Mead, R.J., & Kostyniak, P.J (1998). The Biochemical Toxicology of 1,3-Difluoro-2-propanol, the Major Ingredient of the Pesticide Glifitor: The Potential of 4-Methylpyrazole as an Antidote. *J. Biochem. Molecular Toxicology*, 12, 41-52.
2. Menon, K.I., Feldwick, M.J., **Noakes, P.S.**, and Mead, R.J (2001). The Mode of Toxic Action of the Pesticide Glifitor : the Metabolism of 1,3-Difluoroacetone to (-)-erthrofluorocitrate. *J Biochem Mol Toxicol*, 15, 47-54.
3. **Noakes, P.S.**, Holt, P & Prescott, SL (2003). Maternal Smoking in Pregnancy Alters Neonatal Cytokine Responses. *Allergy*, 58(10), 1053-1058.
4. Prescott, SL., Taylor, A., Roper, J., Wahdan, A., **Noakes, P.**, Thornton, C., Dunstan, J & Upham, JW (2005). Maternal reactivity of fetal alloantigens is related to newborn immune responses and subsequent allergic disease. *CEA*, 35(4); 417-25.
5. **Noakes, P.S.**, Taylor, P., Wilkinson, S & Prescott, SL (2006). The relationship between persistent organic pollutants in maternal and neonatal tissue and immune responses to allergens: A novel exploratory study. *Chemosphere*, 63(8):1304-11.
6. **P.S. Noakes**, Jasmine Hale, Richard Thomas, Catherine Lane, Sunalene G. Devadason and Susan L. Prescott (2006). Maternal smoking is associated with impaired neonatal Toll-like receptor (TLR) mediated immune responses. *European Respiratory Journal*, 28(4):721-9.
7. **P.S. Noakes**, Richard Thomas, Catherine Lane, Trevor A. Mori, Anne E. Barden, Sunalene G. Devadason and Susan L. Prescott (2006). Maternal smoking is associated with increased infant oxidative stress at 3 months of age. *Thorax*. 2007 Mar 13
8. **P Noakes**, Angie Taylor, Jasmine Hale, Liza Breckler, Peter Richmond, Sunalene G Devadason and Susan L Prescott (2006). The effects of maternal smoking on early mucosal immunity and sensitisation at 12 months of age. *Pediatric Allergy and Immunology*, Mar;18(2):118-27.
9. **P Noakes**, Sunalene Devadason and Susan Prescott. Use of cotinine measurements versus questionnaire data in a cohort study investigating the effect of maternal smoking on the development of the fetal immune system. *Nicotine and Tobacco Research*, (Submitted Oct 2008)
10. Prescott SL, **Noakes P**, Chow BW, Breckler L, Thornton CA, Hollams EM, Ali M, van den Biggelaar AH, Tulic MK (2008). Presymptomatic differences in Toll-like receptor function in infants who have allergy. *Journal of Allergy and Clinical Immunology*, Aug; 122(2):391-9.
11. Smith M, Tourigny MR, **Noakes P**, Thornton CA, Tulic MK, Prescott SL (2008). Children with egg allergy have evidence of reduced neonatal CD4(+)CD25(+)CD127(lo/-) regulatory T cell function. *Journal of Allergy and Clinical Immunology*, Jun; 121(6):1460-6.
12. Kremmyda LS, Vlachava M, **Noakes PS**, Diaper ND, Miles EA, Calder PC. Atopy Risk in Infants and Children in Relation to Early Exposure to Fish, Oily Fish, or Long-Chain Omega-3 Fatty Acids: A Systematic Review. *Clin Rev Allergy Immunol*. (2009) Dec 9. [Epub ahead of print]

5. Current Grants

1. Does antenatal vitamin D supplementation deviate the neonatal immune response away from the allergic phenotype; **BUPA Foundation** – Phillip Poole-Wilson Seed Corn Fund; £20,000; 2010.