

**POSTER SESSION 1, NEWCASTLE
WEDNESDAY 9 DECEMBER, 1430-1530**

- P01 Antioxidant defences are impaired in asthmatics with airway hyperresponsiveness, poor control and severe disease pattern**
LG Wood, PG Gibson
- P02 Using dual energy X-ray absorptiometry (DXA) to measure body composition in the Short-beaked Echidna (*Tachyglossus aculeatus*)**
PA LeeHong, LC Ward, WL Bryden, X Li, R Al Jassim, P Murray and SD Johnston
- P03 Adolescent females using common weight control techniques show biochemical evidence of reduced nutrition**
J Guest, A Bilgin, R Pearce, S Baines, C Zeuschner, C LeRossignol-Grant, M Morris, R Grant
- P04 The SURYA study: quality of food intake reporting in a group of South Asian women in Auckland (NZ) – a comparison of dietary assessment methods**
R Kruger, W Stonehouse, P von Hurst, J Coad
- P05 Estimating food intakes in Australia: validation of the CSIRO food frequency questionnaire (C-FFQ) against weighed dietary intakes**
C Lassale, C Guilbert, J Keogh, J Syrette, K Lange, DN Cox
- P06 New perspectives on dietary intake**
BA Williams, JL Black and MJ Gidley
- P07 Measuring energy intake of children and adolescents: A systematic review of dietary assessment methods validated using the doubly labelled water method**
R Martin, T Burrows
- P08 Nutritional risk assessment - addition of fluoride to packaged water**
DJ Castles, T Hambridge, B Field
- P09 Are obese or low meat-eating young females inadvertently reducing their iron deficiency risk through their hormonal contraceptive (HC) practices?**
MA Palmer, AJ Greig, R Antonioli
- P10 Dietary intake patterns and major sources of flavonoids in a representative sample of the Australian population**
SM Somerset
- P11 Consuming kiwifruit with an iron fortified breakfast cereal meal improves iron status in women with low iron stores**
K Beck, C Conlon, R Kruger, J Coad, W Stonehouse
- P12 Effects of a high fat, high energy food challenge on mood, fatigue and gastrointestinal symptoms**
AJ Wood, PG Gibson, LG Wood
- P13 Dietary glycemic index and glycemic load among Australian children and adolescents**
JCY Louie, K Heyer, V Flood
- P14 Composition of the milk of the marsupial quokka, *Setonix brachyurus***
SJ Miller, R Bencini and P E Hartmann

**POSTER SESSION 1, MULUBINBA
WEDNESDAY 9 DECEMBER, 1430-1530**

- P15 Nutritional risk assessment – LDL cholesterol lowering effects of tall oil phytosterols in a new food**
G Duffy, D Mackerras
- P16 Evaluation of the potential use of maca, a functional food, as a food ingredient through the study of interaction with various starches**
S Omran, J Ashton, C Stathopoulos
- P17 The relationship between HFE genotype, iron and copper status in young women**
F Fayet, E Robertson, V Flood, P Petocz, S Samman
- P18 Coordinated regulation of zinc transporter mRNA expression in healthy males and females**
M Foster, D Hancock and S Samman
- P19 Phenolic content of the mango variety, Tommy Atkins, imported into New Zealand**
LM Hung, R Bickerstaffe, S Mason
- P20 The content of bioactive constituents as a quality index for Vietnamese teas**
VQ Vuong, V Nguyen, J Golding, PD Roach
- P21 Development of a microwave-assisted water method for the extraction of green tea bioactive constituents**
VQ Vuong, M Nguyen, J Golding, PD. Roach
- P22 Determination of epigallocatechin gallate in human plasma using high pressure liquid chromatography with mass spectrometer detection**
N Naumovski, PD Roach
- P23 Maternal probiotic supplementation prevents stress induced unfavourable alterations in the balance of the enteric microflora**
J Barouei, MC Adams, DM Hodgson
- P24 Development of probiotic goat's milk ice cream and effect of packaging materials on product quality**
RDCS Ranadheera, SK Baines, MC Adams
- P25 A study on stability of the novel probiotic *Propionibacterium jensenii* 702 in orange juice**
M Moussavi, SK Baines, MC Adams
- P26 *In vitro* antimicrobial effect of spices on probiotic bacteria**
KA Be, S Gamlath, SC Smith,
- P27 Anti-cancer properties of Illawarra plum in colon cancer cells**
EL Symonds, I Konczak, M Fenech
- P28 Resveratrol prevents hydrogen peroxide induced cytotoxicity**
F Addnan, L Wood, ML Garg, P Wark
- P29 Development of a nutritional basis for feeding the Australian Defence Force**
CH Forbes-Ewan, CK Booth, A Malberg, K Baghurst

**POSTER SESSION 2, NEWCASTLE
THURSDAY 10 DECEMBER, 1430-1530**

- P30 The cost of healthy eating for pregnant and breastfeeding women in Otago, New Zealand**
MJ Gibbons, RM Boland,
- P31 Nutritional status, micronutrient concentrations and length of stay in an elderly rehabilitation unit**
F O'Leary, M Allman-Farinelli, V Flood, S Samman
- P32 Food acquisition patterns in newly-arrived African refugees**
CAN Pereira, SM Somerset
- P33 Process evaluation of a primary school garden-enhanced nutrition curriculum**
GI Quick, PJ Morgan, CE Collins, DR Lubans, KL Saunders, JM Warren
- P34 Scenario Based Learning interactive – an innovative approach to Nutrition teaching**
K Munday, TM Stewart
- P35 Neighbourhoods and fruit and vegetable consumption: a mediating analysis**
L Thornton, K Ball, D Crawford
- P36 Influence of nutritional messages front of pack on consumers' perception of soup**
DG Liem, EH Zandstra
- P37 A parent-led home-based intervention to increase Australian children's liking of vegetables**
N Corsini, A Slater, A Harrison, DN Cox
- P38 The use of table and cooking salt in Australian adults**
CA Grimes, LJ Riddell, CA Nowson
- P39 Digit span improvement following long chain omega-3 polyunsaturated fatty acids supplementation: A preliminary study**
TL Hanstock, SJ Hirneth, PL Hazell, CJ Kable, EH Clayton
- P40 Milk production from birth to 57 days of lactation in pump-dependent preterm mothers**
IA Rahman, AR Hepworth, J Morton, JY Hall, RJ Wong, WD Rhine, PE Hartmann
- P41 Effects of acute energy restriction on antropyloroduodenal motor, plasma cholecystokinin, appetite and energy intake responses to small intestinal lipid in the obese**
IM Brennan, RV Seimon, N Luscombe-Marsh, B Otto, M Horowitz, C Feinle-Bisset

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- P42 The ability of kiwifruit to promote tight junctions in an intestinal cell line model**
JM Greenwood, A Adaim, R Wibisono, MA Skinner
- P43 Effects of added nucleotides on Toll-like receptor expression in hand reared dairy calves**
BB Babatunde, C Kentler, TL Frankel
- P44 Dietary arabinoxylan reduces amino acid digestibility in pigs consuming a high meat Western-style human diet**
D Zhang, BA Williams, X Li, AR Bird, DL Topping, MJ Gidley, WL Bryden
- P45 Nutrient intake of *Bos indicus* x heifers during the first and second trimesters of gestation affects liveweight and plasma concentrations of IGF-1 of male progeny**
GC Micke, TM Sullivan, RJ Magalhaes, KL Gatford, JA Owens, VEA Perry
- P46 Trehalose may be an ideal early-feeding substrate for broiler chickens**
PA Iji, SH Chee, Y Bao, M-R Qu and F Gao
- P47 Compared to wine, grape seed extract significantly increased the gas production of pig small intestine microbiota *in vitro***
DJ Wang, YX Ng, BA Williams, MG Ferruzzi, B D'Arcy
- P48 Dietary ruminant milk and soy solids differentially affect body growth in the interleukin-10 gene-deficient mouse model of intestinal inflammation**
AE Russ, MPG Barnett, WC McNabb, RC Anderson, GW Reynolds, NC Roy
- P49 Increased rumen biohydrogenation of omega-3 and omega-6 fatty acids in silage compared with fresh forage**
EH Clayton, JW Piltz, PC Wynn
- P50 Physiological validation of glycemic load (GL) in 13 iso-energetic mixed meals**
J Bao, F Atkinson, JC Brand-Miller
- P51 Validation of fingertip whole blood against common blood biomarkers of omega-3 status in a dose-response intervention**
CE Sparkes, AJ Sinclair, RA Gibson, PL Else, BJ Meyer
- P52 ¹³C NMR study of molecular interactions between bile salt micelles and cereal non-starch polysaccharides**
P Gunness, BM Flanagan and MJ Gidley
- P53 Bovine Muc1 inhibits binding of enteric bacteria to Caco-2 cells**
P Parker, L Sando, R Pearson, K Kongsuwan, R L Tellam, S Smith
- P54 Employee engagement: a strategy for supply chain sustainability in the food industry**
WFD Fernando, NE Marr
- P55 Gene expression profiling in skeletal muscle during high protein weight loss**
CM McIver, PM Clifton
- P56 Arabinoxylan reduces diet-induced colonocyte DNA damage in pigs**
DP Belobrajdic, MJ Gidley, BA Williams, D Zhang, WL Bryden, MA Conlon, AR Bird, DL Topping