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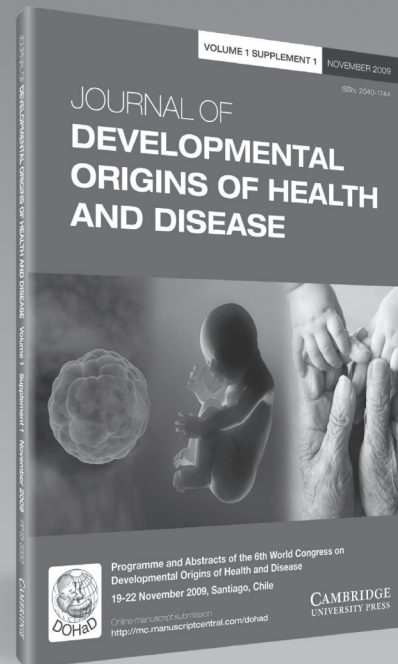
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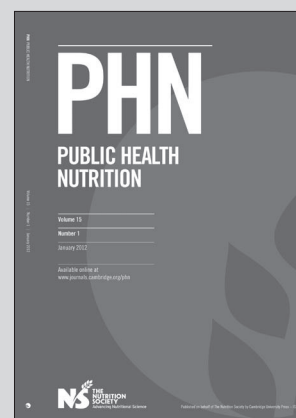
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2. Jenkins DJ, Kendall CW, Marchie A *et al.* (2003) The effect of combining plant sterols, soy protein, viscous fibres, and almonds in treating hypercholesterolemia. *Metabolism* **52**, 1478–1483.
3. Brandtzaeg P (2003) Role of local immunity and breast-feeding in mucosal homeostasis and defence against infections. In *Nutrition and Immune Function*, pp. 273–320 [PC Calder, CJ Field and HS Gill, editors]. Wallingford, Oxon: CAB International.
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Symposium 1: Vitamins and cognitive development and performance

Chairs: *K. Cashman, University College Cork, Republic of Ireland; M. Ward, University of Ulster, UK*

Nutritional determinants of cognitive aging and dementia
M. C. Morris 1–13

Vitamins and neural and cognitive developmental outcomes in children
D. Benton 14–26

Symposium 2: Vitamins in muscular and skeletal function

Chairs: *T. Hill, University College Cork, Republic of Ireland; S. Lanham-New, University of Surrey, UK*

Musculoskeletal phenotype through the life course: the role of nutrition
K. Ward 27–37

Does vitamin D during pregnancy impact offspring growth and bone?
B. L. Specker 38–45

Serum 25-hydroxyvitamin D and muscle atrophy in the elderly
B. Dawson-Hughes 46–49

Symposium 3: Vitamin D and immune function: from pregnancy to adolescence

Chairs: *M. Kiely, University College Cork, Republic of Ireland; G. Goldberg, MRC Human Nutrition Research, Cambridge, UK*

Vitamin D and immune function: an overview
M. Hewison 50–61

Vitamin D, invariant natural killer T-cells and experimental autoimmune disease
M. T. Cantorna, J. Zhao & L. Yang 62–66

Fat-soluble vitamins and atopic disease: what is the evidence?
A. A. Litonjua 67–74

Symposium 4: Vitamins, infectious and chronic disease during adulthood and aging

Chairs: *R. Wood, University of Massachusetts, USA; J. Wallace, University of Ulster, UK*

Nutritional influences on epigenetics and age-related disease
L. K. Park, S. Friso & S.-W. Choi 75–83

Old wine in new bottles: vitamin D in the treatment and prevention of tuberculosis
A. R. Martineau 84–89

Vitamin D and respiratory infection in adults
I. Laaksi 90–97

University of Reading, 4–6 July 2011

70th Anniversary Conference on 'From plough through practice to policy'

Symposium 1: Food chain and health

Chair: *C. Wagstaff, University of Reading, UK*

Milk in the diet: good or bad for vascular disease?
D. I. Givens 98–104

Inequalities in diet and nutrition
R. Tiffin & M. Salois 105–111

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Chair: *C. Williams, University of Reading, UK*

Nutrition for sports performance: issues and opportunities
R. J. Maughan & S. M. Shirreffs 112–119

Symposium 2: Nutrition and health claims: help or hindrance

Chair: *C. Williams, University of Reading, UK*

Scientific substantiation of health claims in the EU
A. Flynn 120–126

Preparing dossiers: strength of the evidence and problems of proof
D. P. Richardson 127–140

Postgraduate Symposium

Chairs: *A. Gallagher, University of Ulster, UK; S. Lockyer, University of Reading, UK*

Effect of interaction between PPARG, PPARA and ADIPOQ gene variants and dietary fatty acids on plasma lipid profile and adiponectin concentration in a large intervention study
A. AlSaleh, T. A. B. Sanders & S. D. O'Dell 141–153

Maternal nutritional status, C₁ metabolism and offspring DNA methylation: a review of current evidence in human subjects
P. Dominguez-Salas, S. E. Cox, A. M. Prentice, B. J. Hennig & S. E. Moore 154–165

Plenary Lecture 3

Chair: *J. Spencer, University of Reading, UK*

Soyabean glyceollins: biological effects and relevance to human health
H. J. Kim, J.-S. Lim, W.-K. Kim & J.-S. Kim 166–174

Symposium 3: Obesity-related cancers

Chair: *P. Calder, University of Southampton, UK*

Molecular mechanisms linking adipokines to obesity-related colon cancer: focus on leptin
J. E. Drew 175–180

Visceral obesity, metabolic syndrome, insulin resistance and cancer
S. L. Doyle, C. L. Donohoe, J. Lysaght & J. V. Reynolds 181–189

Boyd Orr Lecture

Chair: *S. Strain, University of Ulster, UK*

Back to the future: the changing frontiers of nutrition research and its relationship to policy
P. J. Morgan 190–197

**Heriot-Watt University, Edinburgh,
28 June–1 July 2010**

Conference on 'Nutrition and health: cell to community'

Postgraduate Symposium

Chairs: *S. Drummond, Queen Margaret University, UK; S. Bath, University of Surrey, UK*

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