

Contents

University College Cork, Republic of Ireland, 15–17 June 2011

70th Anniversary Conference on 'Vitamins in early development and healthy aging: impact on infectious and chronic disease'

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 adverse pregnancy outcomes: beyond bone health and growth
P. M. Brannon 205–212

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

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

C₁ metabolism and CVD outcomes in older adults
H. McNulty, J. J. Strain, K. Pentieva & M. Ward 213–221

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*

Linking agriculture and health in low- and middle-income countries: an interdisciplinary research agenda
A. D. Dangour, R. Green, B. Häsler, J. Rushton, B. Shankar & J. Waage 222–228

Symposium 2: Nutrition and health claims: help or hindrance

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

European consumers and health claims: attitudes, understanding and purchasing behaviour
J. M. Wills, S. Storcksdieck genannt Bonsmann, M. Kolka & K. G. Grunert 229–236

Postgraduate Symposium

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

Epigenetic and antioxidant effects of dietary isothiocyanates and selenium: potential implications for cancer chemoprevention
L. N. Barrera, A. Cassidy, I. T. Johnson, Y. Bao & N. J. Belshaw 237–245

Flavonoids as modulators of memory and learning: molecular interactions resulting in behavioural effects
C. Rendeiro, J. D. T. Guerreiro, C. M. Williams & J. P. E. Spencer 246–262

Symposium 3: Obesity-related cancers

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

Energy restriction and the prevention of breast cancer
M. Harvie & A. Howell 263–275

Puerto Vallarta, Mexico, 6–8 April 2011

5th International Immunonutrition Workshop

Opening Lecture

Chair: R. Valdés-Ramos, *Universidad Autónoma del Estado de México, Mexico*

Interplay of early-life nutritional programming on obesity, inflammation and epigenetic outcomes

J. A. Martínez, P. Cordero, J. Campión & F. I. Milagro

276–283

Fatty acids

Chairs: L. Harbige, *University of Greenwich, UK*; A. Puente, *Universidad Autónoma del Estado de México, Mexico*

Long-chain fatty acids and inflammation

P. C. Calder

284–289

Micronutrients, immunology and inflammation

Chairs: M. Dardenne, *Université Paris Descartes, France*; B. Martínez Carrillo, *Universidad Autónoma del Estado de México, Mexico*

Effect of vitamin A deficiency on the immune response in obesity

O. P. García

290–297

The impact of obesity on the immune response to infection

J. J. Milner & M. A. Beck

298–306

Alcohol

Chairs: S. Gómez, *ICTAN-CSIC, Spain*; R. Virgen Pardo-Morales, *Universidad Autónoma del Estado de México, Mexico*

Potential health benefits of moderate alcohol consumption: current perspectives in research

E. Nova, G. C. Bacchan, A. Vese, B. Zapatera & A. Marcos

307–315

Influence of polyphenols on allergic immune reactions: mechanisms of action

T. Magrone & E. Jirillo

316–321

Chronic and degenerative diseases

Chairs: R. Valdés-Ramos, *Universidad Autónoma del Estado de México, Mexico*; N. Ramírez-Durán, *Universidad Autónoma del Estado de México, Mexico*

Similarities and differences between the effects of EPA and DHA on markers of atherosclerosis in human subjects

D. S. Kelley & Y. Adkins

322–331

Obesity, inflammation and the immune system

F. Pérez de Heredia, S. Gómez-Martínez & A. Marcos

332–338

University of Reading, 4–6 July 2011

Satellite Symposium: Industry and academic partnerships for developing health-improving products

Safety and efficacy of high-protein diets for weight loss

A. M. Johnstone

339–349

Satiety-enhancing products for appetite control: science and regulation of functional foods for weight management

J. C. G. Halford & J. A. Harrold

350–362