

BIOGRAPHY

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Title and name

Prof. Susan FAIRWEATHER-TAIT

Nationality

British

Panel

Dietetic Products, Nutrition and Allergies (NDA)

Education

- DSc 1996 University of London
 - PhD 1978 University of London
 - MSc 1974 University of London
 - BSc 1973 University of London
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Scientific and risk assessment experience

- Human nutrition
 - Mineral bioavailability and metabolism
 - Micronutrient requirements
 - Dietary intervention studies
 - Nutritional epidemiology
 - Diet-gene interactions.
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Main scientific publications

Mineral requirements for optimal health

Casgrain A, Collings R, Harvey LJ, Hooper L, Fairweather-Tait SJ. Effect of iron intake on iron status: a systematic review and meta-analysis of randomized controlled trials. Am J Clin Nutr (accepted).

Collings R, Harvey LJ, Sterne JAC, Beynon R, Savović, Fairweather-Tait SJ. Selenium and prostate cancer: systematic review and meta-analysis. Am J Clin Nutr 2012;96:111-22.

Fairweather-Tait SJ, Skinner J, Guile GR, Cassidy A, Spector TD, MacGregor AJ. Diet and bone mineral density study in postmenopausal women from the TwinsUK registry shows a negative association with a traditional English dietary pattern and a positive association with wine. Am J Clin Nutr 2011;94:1371-5

Fairweather-Tait SJ, Harvey LJ, Collings R. Risk-benefit analysis of mineral intakes: case studies on copper and iron. Proc Nutr Soc 2011 Feb;70(1):1-9.

Fairweather-Tait SJ, Collings R. Estimating the bioavailability factors needed for setting dietary reference values. *Int J Vitam Nutr Res* 2010;80:249-56.

Hurst R, Armah CN, Hart DJ, Dainty JR, Teucher B, Goldson AJ, Broadley MR, Motley AK, Fairweather-Tait SJ. Establishing optimal selenium status: results of a randomised, double-blind, placebo-controlled trial. *Am J Clin Nutr* 2010 91(4):923-31.

Roe MA, Collings R, Dainty JR, Swinkels DW, Fairweather-Tait SJ. Plasma ferritin associated serum hepcidin levels significantly predict inter-individual variation in iron absorption in healthy men. *Am J Clin Nutr* 2009;89:1088-91.

Teucher B, Dainty JR, Spinks CA, Majsak-Newman G, Berry DJ, Hoogewerff JA, Foxall RJ, Jakobsen J, Cashman KD, Flynn A, Fairweather-Tait SJ. Sodium and bone health: the impact of moderately high and low salt intakes on calcium metabolism in postmenopausal women. *J Bone Miner Res* 2008;23:1477-1485.

Roe MA, Spinks C, Heath ALM, Harvey LJ, Foxall R, Wimperis J, Wolf C, Fairweather-Tait SJ. Serum prohepcidin concentration: no association with iron absorption in healthy men; and no relationship with iron status in men carrying HFE mutations, hereditary haemochromatosis patients undergoing phlebotomy treatment, or pregnant women. *British Journal of Nutrition* 2007;97:544-9.

Harvey LJ, Armah CN, Dainty JR, Foxall RJ, Lewis DJ, Langford NJ & Fairweather-Tait SJ. Impact of menstrual blood loss and diet on iron deficiency among women in the UK. *Br J Nutr* 2005;94:557-564.
