

BIOGRAPHY

2/07/2012



Title and name

Prof. JJ (Sean) STRAIN

Nationality

Irish

Panel

Panel on Dietetic Products, Nutrition and Allergies (NDA)

Education

- Queen's University, Belfast
 - PhD 1976 Nutritional Biochemistry
 - BAgr1973 Agricultural Chemistry
 - BSc 1972 Chemistry
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Scientific and risk assessment experience

- Maternal fish consumption;
 - Foetal nutrition;
 - B vitamins and homocysteine metabolism
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Main scientific publications

Muldowney S, Lucey AJ, Hill TR, Taylor N, Wallace JMW, Horigan G, Mulhern MS, Bonham MP, McSorley EM, Strain JJ, Cashman KD and Kiely M. Incremental cholecalciferol supplementation up to 15 µg/d throughout winter at 51-55°N has no effect on biomarkers of cardiovascular risk in healthy young and older adults. *Journal of Nutrition*, 1-7, 2012.

Wilson CP, Ward M, McNulty H, Strain JJ, Trouton TG, Horigan G, Purvis J and Scott JM. Riboflavin offers a targeted strategy for managing hypertension in patients with the MTHFR 677TT genotype: a 4-y follow-up. *American Journal of Clinical Nutrition*, 95 (3), 766, 2012.

Barnes MS, Horigan G, Cashman KD, Hill TR, Forsythe LK, Lucey AJ, McSorley EM, Kiely M, Bonham MP, Strain JJ, Wallace JM. Maintenance of wintertime vitamin D status with cholecalciferol supplementation is not associated with alterations in serum cytokine concentrations among apparently healthy younger or older adults. *Journal of Nutrition*, 141(3), 476-81, 2011

Lynch ML, Huang L-S, Cox C, Strain JJ, Myers GJ, Bonham MP, Shamlaye CF, Stokes-Riner A, Wallace J, Duffy EM, Clarkson TW, Davidson PW. Varying coefficient function models to explore interactions

between maternal nutritional status and prenatal methylmercury toxicity in the Seychelles Child Development Nutrition Study. *Environmental Research*, 111(1), 75-80, 2011

Simpson EE, Rae G, Parr H, O'Connor JM, Bonham M, Polito A, Meunier N, Andriollo-Sanchez M, Intorre F, Coudray C, Strain JJ, Stewart-Knox B. Predictors of taste acuity in healthy older Europeans. *Appetite*, Sep 29: 58 (1) 188-195, 2011

Stokes-Riner A, Thurston SW, J Myers G, Duffy EM, Wallace J, Bonham M, Robson P, Shamlaye CF, Strain JJ, Watson G, Davidson PW. A longitudinal analysis of prenatal exposure to methylmercury and fatty acids in the Seychelles. *Neurotoxicology and Teratology*, 33(2), 325-328, 2011

Tighe P, Ward M, McNulty H, Finnegan O, Dunne A, Strain J, Molloy AM, Duffy M, Pentieva K, Scott JM. A dose-finding trial of the effect of long-term folic acid intervention: implications for food fortification policy. *American Journal of Clinical Nutrition*, 93(1), 11-18, 2011

Horigan G, McNulty H, Ward M, Strain JJ, Purvis J, Scott JM. Riboflavin lowers blood pressure in cardiovascular disease patients homozygous for the 677C-->T polymorphism in MTHFR. *Journal of Hypertension*, 28(3), 478-86, 2010

Price RK, Keaveney EM, Hamill LL, Wallace JM, Ward M, Ueland PM, McNulty H, Strain JJ, Parker MJ, Welch RW. Consumption of wheat aleurone-rich foods increases fasting plasma betaine and modestly decreases fasting homocysteine and LDL-cholesterol in adults. *Journal of Nutrition*, 140(12), 2153-7, 2010

Seamans KM, Hill TR, Wallace JM, Horigan G, Lucey AJ, Barnes MS, Taylor N, Bonham MP, Muldowney S, Duffy EM, Strain JJ, Kiely M, Cashman KD. Cholecalciferol supplementation throughout winter does not affect markers of bone turnover in healthy young and elderly adults. *Journal of Nutrition*, 140(3), 454-60, 2010.
