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**Invited Commentary**

Quantile regression reaches the parts that mean regression may not: insoluble dietary fibre and glycaemic index in type 2 diabetes.

G. Livesey 1911–1913

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Is there a linear relationship between the dose of ruminant *trans*-fatty acids and cardiovascular risk markers in healthy subjects: results from a systematic review and meta-regression of randomised clinical trials.

C. Gayet-Boyer, F. Tenenhaus-Aziza, C. Prunet, C. Marmonier, C. Malpuech-Brugère, B. Lamarche & J.-M. Chardigny 1914–1922

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High sodium intake during postnatal phases induces an increase in arterial blood pressure in adult rats.

M. C. S. Moreira, E. F. da Silva, L. L. Silveira, Y. B. de Paiva, C. H. de Castro, A. H. Freiria-Oliveira, D. A. Rosa, P. M. Ferreira, C. H. Xavier, E. Colombari & G. R. Pedrino 1923–1932

Impact of cafeteria feeding during lactation in the rat on novel object discrimination in the offspring.

T. M. Wright, M. V. King, W. G. Davey, S. C. Langley-Evans & J.-P. W. Voigt 1933–1937

**Nutritional Immunology**

Vitamin D deficiency is associated with inflammatory cytokine concentrations in patients with diabetic foot infection.

S. Tiwari, D. D. Pratyush, S. K. Gupta & S. K. Singh 1938–1943

Impact of cocoa polyphenol extracts on the immune system and microbiota in two strains of young rats.

M. Massot-Cladera, M. Abril-Gil, S. Torres, À. Franch, M. Castell & F. J. Pérez-Cano 1944–1954

Effect of maternal supplementation with seaweed extracts on growth performance and aspects of gastrointestinal health of newly weaned piglets after challenge with enterotoxigenic *Escherichia coli* K88.

G. Heim, T. Sweeney, C. J. O'Shea, D. N. Doyle & J. V. O'Doherty 1955–1965

**Human and Clinical Nutrition**

The acute effect of commercially available pulse powders on postprandial glycaemic response in healthy young men.

G. Harvey Anderson, Y. Liu, C. E. Smith, T. T. Liu, M. F. Nunez, R. C. Mollard & B. L. Luhovy 1966–1973

Higher breakfast glycaemic load is associated with increased metabolic syndrome risk, including lower HDL-cholesterol concentrations and increased TAG concentrations, in adolescent girls.

A. Nicholl, M. du Heaume, T. A. Mori, L. J. Beilin, W. H. Oddy, A. P. Bremner & T. A. O'Sullivan 1974–1983

Intrinsic heart rate recovery after dynamic exercise is improved with an increased omega-3 index in healthy males.

M. J. Macartney, L. Hingley, M. A. Brown, G. E. Peoples & P. L. McLennan 1984–1992

Iodine excretion has decreased in Denmark between 2004 and 2010 – the importance of iodine content in milk.

L. B. Rasmussen, A. Carlé, T. Jørgensen, P. Knuthsen, A. Krejbjerg, H. Perrild, L. Bjergved, J. J. Sloth, P. Laurberg & L. Ovesen 1993–2001

**Dietary Surveys and Nutritional Epidemiology**

A dietary pattern rich in lignans, quercetin and resveratrol decreases the risk of oesophageal cancer.

Y. Lin, A. Yngve, J. Lagergren & Y. Lu 2002–2009

Dietary glycaemic index and glycaemic load in relation to all-cause and cause-specific mortality in a Japanese community: the Takayama study.

C. Nagata, K. Wada, M. Tsuji, T. Kawachi & K. Nakamura 2010–2017

An exploratory study of the associations between maternal iron status in pregnancy and childhood wheeze and atopy.

B. I. Nwaru, H. Hayes, L. Gambling, L. C. A. Craig, K. Allan, N. Prabhu, S. W. Turner, G. McNeill, M. Erkkola, A. Seaton, H. J. McArdle & G. Devereux 2018–2027

Patterns and predictors of nut consumption: results from the 2008/09 New Zealand Adult Nutrition Survey.

R. C. Brown, S. L. Tey, A. R. Gray, A. Chisholm, C. Smith, E. Fleming, C. Blakey & W. Parnell 2028–2040

Higher serum carotenoid concentrations associated with a lower prevalence of the metabolic syndrome in middle-aged and elderly Chinese adults.

J. Liu, W.-q. Shi, Y. Cao, L.-p. He, K. Guan, W.-h. Ling & Y.-m. Chen 2041–2048

Associations between macronutrient intake and serum lipid profile depend on body fat in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study.

S. Bel-Serrat, T. Mouratidou, I. Huybrechts, I. Labayen, M. Cuenca-García, G. Palacios, C. Breidenassel, D. Molnár, R. Roccaldo, K. Widhalm, F. Gottrand, A. Kafatos, Y. Manios, K. Vyncke, M. Sjöström, L. Libuda, S. Gómez-Martínez & L. A. Moreno on behalf of the HELENA study group 2049–2059

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A piglet with surgically induced exocrine pancreatic insufficiency as an animal model of newborns to study fat digestion.

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A. Liber & H. Szajewska 2068–2074

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