

**Invited Commentary**

- Dietary interventions with *n*-3 fatty acids or probiotics targeting post-myocardial infarction depression.  
R. A. Siddiqui & K. A. Harvey 1–3

**Molecular Nutrition**

- Grape antioxidant dietary fibre prevents mitochondrial apoptotic pathways by enhancing Bcl-2 and Bcl-x<sub>l</sub> expression and minimising oxidative stress in rat distal colonic mucosa.  
M. E. López-Oliva, M. J. Pozuelo, R. Rotger, E. Muñoz-Martínez & I. Goñi 4–16
- Beneficial effects of the active principle component of Korean cabbage kimchi via increasing nitric oxide production and suppressing inflammation in the aorta of apoE knockout mice.  
J. S. Noh, Y. H. Choi & Y. O. Song 17–24
- Organ-specific exposure and response to sulforaphane, a key chemopreventive ingredient in broccoli: implications for cancer prevention.  
O. L. Veeranki, A. Bhattacharya, J. R. Marshall & Y. Zhang 25–32
- Genistein, a soya isoflavone, prevents azoxymethane-induced up-regulation of WNT/ $\beta$ -catenin signalling and reduces colon pre-neoplasia in rats.  
Y. Zhang, Q. Li, D. Zhou & H. Chen 33–42

- Betaine reduces the expression of inflammatory adipokines caused by hypoxia in human adipocytes.  
K. Olli, S. Lahtinen, N. Rautonen & K. Tiihonen 43–49
- Attenuation of post-myocardial infarction depression in rats by *n*-3 fatty acids or probiotics starting after the onset of reperfusion.  
K. Gilbert, J. Arseneault-Bréard, F. F. Monaco, A. Beaudoin, T. M. Bah, T. A. Tompkins, R. Godbout & G. Rousseau 50–56

**Metabolism and Metabolic Studies**

- Uptake of conjugated linolenic acids and conversion to *cis*-9, *trans*-11- or *trans*-9, *trans*-11-conjugated linoleic acids in Caco-2 cells.  
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**Human and Clinical Nutrition**

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- Prevalence and severity of vitamin D deficiency in patients with diabetic foot infection.  
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- Iron supplementation is positively associated with increased serum ferritin levels in 9-month-old Danish infants.  
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- Assessment and prediction of thoracic gas volume in pregnant women: an evaluation in relation to body composition assessment using air displacement plethysmography.  
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- Alkylresorcinol metabolites in urine correlate with the intake of whole grains and cereal fibre in free-living Swedish adults.  
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