



References for Probiotic Bulletin, Issue 24

Pages 1-3 HCP Insight: Insulin resistance

Hulston C *et al* (2015) Probiotic supplementation prevents high-fat, overfeeding-induced insulin resistance in human subjects. *British Journal of Nutrition* **113**(4):596-602

1. American Diabetes Association <http://www.diabetes.org/research-and-practice/student-resources/history-of-diabetes.html#sthash.z6BGSU9a.dpuf>
2. NHS choices <http://www.nhs.uk/conditions/diabetes-type2/pages/introduction.aspx> [online].
3. Dyer O (2002) First cases of type 2 diabetes found in white UK teenagers. *British Medical Journal* **324**(7336):506.
4. HSCIC: [National Diabetes Audit 2011/12: Report 1: Care Processes and Treatment Targets.](#)
5. Diabetes in Scotland <http://www.diabetesinscotland.org.uk/Publications.aspx>
6. Hauner H (2010). Obesity and diabetes, in Holt RIG, Cockram CS, Flyvbjerg A *et al* (ed.) *Textbook of Diabetes, 4th Edition*. Oxford: Wiley-Blackwell.

Page 4 Appetite regulation and the role of fermentable carbohydrates

1. Eaton SB and Konner M. (1985) Paleolithic nutrition: a consideration of its nature and current implications. *The New England Journal of Medicine*. **312**(5):283-289.
2. Wong JM, de Souza R, Kendall CW, Emam A and Jenkins DJ (2006) Colonic health: fermentation and short chain fatty acids. *Journal of Clinical Gastroenterology*. **40**(3):235-43.
3. Chambers ES, Viardot A, Psichas A, *et al.* (2014) Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. *Gut*. [gutjnl-2014-307913](https://doi.org/10.1136/gutjnl-2014-307913).
4. Björklund M, Van Rees A, Mensink R and Önning G (2005) Changes in serum lipids and postprandial glucose and insulin concentrations after consumption of beverages with β -glucans from oats or barley: a randomised dose-controlled trial. *European Journal of Clinical Nutrition*. **59**(11):1272-81.
5. Pool-Zobel BL and Sauer J (2007) Overview of experimental data on reduction of colorectal cancer risk by inulin-type fructans. *The Journal of Nutrition* **137**(11):2580S-4S.
6. Goldstone AP, Prechtel CG, Scholtz S *et al.* (2014) Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. *The American Journal of Clinical Nutrition* **99**(6):1319-30.
7. Scholtz S, Miras AD, Chhina N, *et al.* (2013) Obese patients after gastric bypass surgery have lower brain-hedonic responses to food than after gastric banding. *Gut*. [gutjnl-2013-305008](https://doi.org/10.1136/gutjnl-2013-305008).

Page 7 Research round-up

- Bischoff SC *et al* (2014) Intestinal permeability--a new target for disease prevention and therapy. *BMC Gastroenterol* 14:189.
- Gomi *et al* (2015) Health benefits of fermented milk containing Bifodobacterium bifodum YIT 10347 on gastric symptoms in adults. *J Dairy Sci* Jan 30 [Epub ahead of print].
- Greenhill AR *et al* (2015) Characterization of the gut microbiota of Papua New Guineans using reverse transcription quantitative PCR. *PLoS One* **10(2)**:e0117427.
- Kubota H *et al* (2014) Development of TaqMan-based quantitative PCR for sensitive and selective detection of toxigenic *Clostridium difficile* in human stools. *PLoS One* **9(10)**:e111684.
- Kurakawa T *et al* (2015) Establishment of a sensitive system for analysis of human vaginal microbiota on the basis of rRNA-targeted reverse transcription-quantitative PCR. *J Microbiol Methods* Feb 4 [Epub ahead of print].
- Mann *et al* (2014) Human gut dendritic cells drive aberrant gut-specific t-cell responses in ulcerative colitis, characterized by increased IL-4 production and loss of IL-22 and IFN γ . *Inflamm Bowel Dis* 20(12):2299-307.
- Sakai T *et al* (2014) Effect of fermented milk containing *Lactobacillus casei* strain Shirota on constipation-related symptoms and haemorrhoids in women during puerperium. *Benef Microbes* Nov 6:1-10 [Epub ahead of print].
- Yadav M *et al* (2014) Evaluation of probiotic milk on salivary mutans streptococci count: an in vivo microbiological study. *J Clin Pediatr Dent* **39(1)**:23-26.

For further information visit our website: www.yakult.co.uk/hcp
Contact the UK science team on science@yakult.co.uk or 0208 8427 600.
Contact the Irish science team on science@yakult.ie or 01 804 7695