

BIOGRAPHY

11/07/2012



Title and name

Prof. Dr. Hannu J. KORHONEN

Nationality

Finnish

Panel

Nutrition, Dietetic Products and Allergies (NDA)

Education

- 1977 Post-doc studies in National Institute for Research in Dairying (NIRD) UK
 - 1976 Docent (Dairy Hygiene) University of Helsinki
 - 1974 PhD (Dairy Science), University of Helsinki
 - 1970 MSc (Dairy Technology, General Microbiology), University of Helsinki
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Scientific and risk assessment experience

- Human nutrition
 - Novel foods
 - Compounds derived from milk
 - Dairy hygiene
 - Food microbiology
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Main scientific publications

More than 300 scientific and technical papers and textbook chapters in the fields of:
Functional and novel foods and their technological development and evaluation for efficacy
Health-promoting bioactive compounds derived from milk and edible plants

The most important publications:

H. Korhonen (1977): Antimicrobial factors in bovine colostrum. J. Sci. Agric. Soc. Finl. 49: 434-447.

H. Korhonen, E.-L. Syväoja, H. Ahola-Luttila, S. Sivelä, S. Kopola, J. Husu and T.U. Kosunen (1995): Bactericidal effect of bovine normal and immune serum, colostrum and milk against *Helicobacter pylori*. J. Appl. Bact. 78: 655-662.

A. Pihlanto-Leppälä, P. Koskinen, K. Piilola, T. Tupasela and H. Korhonen (2000): Angiotensin converting enzyme inhibitory properties of whey protein digests: concentration and characterization of active peptides. Journal of Dairy Research 67: 53-64.

H. Korhonen, P. Marnila and H.S. Gill (2000): Bovine milk antibodies for health. *British Journal of Nutrition* 84 (Suppl. 1): S135-S146.

H. Korhonen and A. Pihlanto (2003): Food-derived bioactive peptides - opportunities for designing future foods. *Current Pharmaceutical Design* 9: 1297-1308.

H. Korhonen and A. Pihlanto (2007): Bioactive peptides from food proteins. In: *Handbook of food products manufacturing: health, meat, milk, poultry, seafood, and vegetables*. Edited by Y.H.Hui. John Wiley & Sons Inc. Hoboken, NJ, USA, pp. 5-38.

H. Korhonen (2009): Milk-derived bioactive peptides: From science to applications. *Journal of Functional Foods* 1 (2): 177-187.

Ivano De Noni, Richard J. FitzGerald, Hannu J. T. Korhonen, Yves Le Roux, Chris Livesey, Inga Thorsdottir, Daniel Tomé, Renger Witkamp. Review of the potential health impact of β -casomorphins and related peptides. *EFSA Scientific Report* (2009) 231, 1-107.

H. Korhonen: Production and properties of health-promoting proteins and peptides from bovine colostrum and milk. *Cellular & Molecular Biology* 58,1: 26-38, 2012
