

Scientific Publications

Original Papers

2002

Wright, A.J.A., **Finglas, P.M.** & Southon, S. (2002). Proposed mandatory fortification of the UK diet with folic acid: have potential risks been underestimated? *Trends in Food Science & Technology* 12, 313-321.

Hart, D.J., **Finglas, P.M.**, Wolfe, C.A., Mellon, F.A., Wright, A.J.A. & Southon, S. (2002). Determination of 5-methyltetrahydrofolate (¹³C-labelled and unlabelled) in human plasma and urine using combined liquid chromatography mass spectrometry (LC/MS). *Analytical Biochemistry*, 305, 206-213

Finglas, P.M., Witthöft, C.M., Vahteristo, L., Wright, A.J.A., Southon, S., Mellon, F., Ridge, B. & Maunder, P. (2002). Use of an oral/intravenous dual-label stable-isotope protocol to determine folic acid bioavailability from fortified cereal grain foods in women. *Journal of Nutrition*, 132, 936-939.

Almadori G., Bussu F., Cadori G., Galli J., **Zappacosta B.**, Persichilli S., Minucci A., Giardina B. (2002). Serum folate and homocysteine level in head and neck squamous cell carcinoma. *Cancer* 94: 1006-11.

Kariluoto, S., **Vahteristo, L.**, Finglas, P.M., de Meer, K., Nau, H. & Kehlenbach, U. (2002). Folate intake estimates based on HPLC analysis of foods (Letter to the Editor), *American Journal of Clinical Nutrition* **in press**.

2001

de Meer, K., Stam, F. & van Guldener, C. (2001). Hyperhomocysteinemia and cardiovascular disease. *Am J Clin Nutr*, 73, 992-3.

de Meer, K. (2001). Uses of errors: clinical and cultural. *Lancet*, 357, 1796.

Papa, A., De Stefano, V., Danese, S., Chiusolo, P., Persichilli, S., Casorelli, I., **Zappacosta, B.**, Giardina, B., Gasbarrini, A., Leone, G. & Gasbarrini, G. (2001). Hyperhomocysteinemia and prevalence of polymorphisms of homocysteine metabolism related enzymes in patients with inflammatory bowel disease *Am. J. of Gastroenterology*, 96, 2677-82.

Zappacosta, B., Mordente, A., Persichilli, S., Minucci, A., Carlino, P., Martorana, G.E., Giardina, B., De Sole, P. (2001). *Is Homocysteine a pro-oxidant ?* *Free Radical Research*, 35, 499-505.

Ogle, B.M., Johansson, M., Tuyet, H.T., **Johannesson, L.** (2001). Evaluation of the significance of dietary folate from wild vegetables in Vietnam. *Asia Pacific J Clin Nutr*, **10**, 216-221.

Arkbåge, K., **Witthöft, C.M.** Fondén R., Jägerstad, M., (2001). Retention of vitamin B₁₂ during manufacturing of six fermented dairy products using a validated radio protein-binding assay. *International Dairy Journal*. **in press**.

Kariluoto, S., **Vahteristo, L.** and Piironen, V. (2001). Applicability of microbiological assay and affinity chromatographic purification followed by high performance liquid chromatography (HPLC) in studying folate contents in rye. *J. Science Food and Agric.* 81, 938-42.

Garbis, S.D., Melse-Boonstra, A., **West, C.E.**, & van Breemen, R. B. (2001). Determination of folates in human plasma using hydrophilic interaction chromatography-tandem mass spectrometry. *Anal. Chem.*, 73, 5358-5364.

2000

Wolf, C.A., **Finglas, P.M.** *et al.* (2000). Isotopic methods to detect food folates. *Innovative Food Science and Emerging Technologies*, 1, 297-302.

Forssén KM, Jägerstad MI, Wigertz K, **Witthöft CM** (2000). Folate and dairy products: a critical update. *JACN* 19 (2), 100S-110S.

Witthöft CM, Forssén K, Johannesson L, Johansson M, Jastrebova J, **Jägerstad M.** (2000). Analysis of folates and vitamin B₁₂ in food. *Scand J Nutr* 44 (2S), S120.

1999

Witthöft CM, Forssén K, Johannesson L, **Jägerstad M** (1999). Folate - food sources, analyses, retention and bioavailability. *Scand J Nutr* 43, 138-146.

(b) Abstracts and Proceedings of Meetings/Conferences

2002

de Meer, K. & Jakobs, C. (2002). Stable isotope measurements of methyl metabolism: Applications in pathophysiology and interventions involving folate, vitamin B₆ and B₁₂. Presented at IAEA-symposium 'Tracer Techniques in Nutrient Metabolism', *17th International Congress of Nutrition*, Vienna, August 30, 2001. *Ann Nutr Metab*, 45, 355

2001

Finglas, P.M., Wright, A.J.A., Southon, S., Witthoft, C.M., Vahteristo, L. (2001). Folic acid bioavailability from fortified cereal foods determined by using a dual-label stable isotope protocol and GC-MS. *17th International Congress of Nutrition*, August 27-31, 2001, Vienna, Austria. *Annals of Nutrition & Metabolism* 45 (Suppl 1) 355.

Finglas, P.M. (2001). Folate: From food to functionality and optimal health (FolateFuncHealth) – current status and initial results. Food and Nutrition for better Health – A European Conference – highlights from EC Research Programmes (HEALFO Conference), Lanciano, Italy, 13-15 June, 2001.

Hart, D.J., **Finglas, P.M.**, Wolfe, C.A., Dainty, J.R., Wright, A.J.A., Faulks, R.M. & Southon, S. (2001). Production and use of ¹⁵N-intrinsically labelled folates in spinach for human bioavailability studies. Poster; 'Bioavailability-2001', Interlaken, Switzerland, 29 May – 1 June, 2001.

Finglas, P.M. (2001). Folate: From food to functionality and optimal health (FolateFuncHealth) – current status and initial results. New Opportunities for Newly Associated Countries, Polish Academy of Sciences, Warsaw, 29-30 November 2001.

Stam, F., de Meer, K., Kulik, W., van Guldener, C., ter Wee, P.M., Jakobs, C., Smith, D.E.C., Donker, A.J.M. & Stehouwer, C.D.A. (2001). Pathophysiology of hyperhomocysteinemia in end stage renal disease: *in vivo* stable isotope observations. *Proceedings 3rd International Conference on Hyperhomocysteinemia*, Sorrento, Italy, July 2-5, 2001. [Publication in preparation].

Stam, F., **de Meer, K.**, Kulik, W., van Guldener, C., ter Wee, P.M., Jakobs, C., Smith, D.E.C., Donker, A.J.M. & Stehouwer, C.D.A. (2001). Effects of vitamin B12 and B6 supplementation on hyperhomocysteine metabolism in end stage renal disease: paradoxical interactions with folic acid? *Proceedings 3rd International Conference on Hyperhomocysteinemia*, Sorrento, Italy, July 2-5, 2001. [Publication in preparation].

Becker, A., **de Meer, K.**, Teerlink, T., Jakobs, C., Dekker, J.M., Heine, R.J., Bouter, L.M. & Stehouwer, C.D.A. (2001). Multiple regression risk model for fasting plasma homocysteine in diabetes mellitus type II: a population based study. *Proceedings 3rd International Conference Homocysteine Metabolism*, Sorrento, Italy, July 2-5, 2001. [Publication submitted].

- Walker, C.** (2001). 'Folate in Beer and the Prevention of Cardiovascular Disease', Proceedings European Brewing Congress, Budapest, May 2001.
- Ruggeri, S., Aguzzi, A., Salvatore, P. & **Carnovale, E.** (2001). Content and form of folates in orange juices. In: XIV Congresso Nazionale S.I.S.A. Future traditional foods for health, safety and legislation, Rome, 12-13 October, 2000, **in press**.
- Ruggeri, S., Aguzzi, A., **Carnovale, E.** (2001). Oranges folate and their retention in juices after mild technologies. Fourth International Food Data Conference. New Trends in the Management and uses of Food Databases. Bratislava, Slovakia, 24-26 August 2001.
- Ruggeri, S., Aguzzi, A., **Carnovale, E.**, (2001). Folate rich foods: an effective choice for increasing folate intake? In: Bioactive Micronutrients in Mediterranean Diet and Health. COST Action 916, p.173.
- Mastroiacovo, P.**, Zappacosta, B., Persichilli, S., Minucci, A., Genovese, A., Brancaccio, R. & Andria, G. (2001). Total plasma homocysteine and its determinants in a group of volunteers living in Rome. 3rd International Conference Homocysteine Metabolism, Sorrento, Italy, July 2-5, 2001
- Withöft C, Johannesson L, **Jägerstad M.** (2001). A human ileostomy model to determine folate bioavailability from food. Bioavailability 2001, Interlaken, Switzerland, 29 May–1 June 2001.
- Withöft, C.M., Johannesson, L., **Jägerstad, M.** *et al.* (2001). A human ileostomy model to determine folate bioavailability from food. In: Proceedings 12th International Symposium on Chemistry and Biology of Pteridines and Folates, 17-22 June 2001, Washington, USA. International Society of Pteridinology (ed.)
- Withöft, C.M.**, Johannesson-Strålsjö, L., Boriak, I., Lundin, E., Berglund, G., Westman, V., Zhang, J.X., Hallmans, G., Jägerstad, M. (2001). A human ileostomy model to determine folate bioavailability from food. Proc. 12th International Symposium on Chemistry and Biology of Pteridines and Folates, 17-22 June 2001, Washington, USA. *Pteridines*, **12** (2) 87.
- Johannesson, L., Forssén, K., **Withöft, C.** and Jägerstad, M. (2001). Application of a strictly quality controlled radioprotein-binding assay for folate analysis in food. Proc. 12th International Symposium on Chemistry and Biology of Pteridines and Folates, 17-22 June 2001, Washington, USA. *Pteridines*, **12** (2) 52.
- Withöft, C.M.**, Strålsjö-Johannesson, L., Jägerstad, M. (2001). Determination of folate bioavailability from food by a human ileostomy model. Proc. 17th International Congress of Nutrition, 27-31 Aug 2001, Vienna, Austria. *Annals of Nutrition and Metabolism*, **45**, 62.
- Withöft, C.M.**, Lindeberg, J., Løken, E.B. (2001). Norfolate – assessing problems in estimating intake of dietary folate in the Nordic countries. Proc. 17th International Congress of Nutrition, 27-31 Aug 2001, Vienna, Austria. *Annals of Nutrition and Metabolism*, **45**, 62.

Arkbåge, K., Witthöft, C., **Jägerstad, M.** (2001). Retention of folates, folate binding protein and vitamin B12 in fermented dairy products. Proc. 17th International Congress of Nutrition, 27-31 Aug 2001, Vienna, Austria. *Annals of Nutrition and Metabolism*, **45**, 657-58.

Strålsjö, L., **Witthöft, C.**, Jägerstad, M. (2001). Folate content in strawberries. Proc. 17th International Congress of Nutrition, 27-31 Aug 2001, Vienna, Austria. Abstracts, *Annals of Nutrition and Metabolism*, **45**, 59.

Johansson, M., **Witthöft, C.**, Jägerstad, M. (2001). Effect of folic acid fortification in wheat bread on folate status in women. Proc. 17th International Congress of Nutrition, 27-31 Aug 2001, Vienna, Austria. *Annals of Nutrition and Metabolism*, **45**, 59.

Kariluoto, S., **Vahteristo, L.**, Finglas, P.M., van den Berg, H., Carnovale, E., Jägerstad, M., Kehlenbach, U., Nau, H., Ros Berruezo, G., Ruggeri, S., Vaes, W., Walker, C., Witthöft, C., Wolfe, C., Konings, E. & Lindeberg, J. (2001). Intercomparison of Current Methods for Folate Determination in Food. Proceedings Fourth International Food Data Base Conference, August 24-26., 2001, Bratislava.

Vahteristo, L., Kariluoto, S., Piironen, V. & Finglas, P.M. (2001). Folate Functionality and Optimal Health. Third International Conference on Natural Antioxidants and Anticarcinogens in Food, Health and Disease. June 6-9, 2001, Helsinki. In: Voutilainen S. & Salonen, JT. Abstracts. Kuopio University Publications D. Medical Sciences 246, p. 130

Vahteristo, L., de Meer, K. & Finglas, P.M. (2001). Does folate determine homocysteine concentration at population level? Proceedings third International Conference on Natural Antioxidants and Anticarcinogens in Food, Health and Disease. June 6-9, 2001, Helsinki. In: Voutilainen S. & Salonen, JT. Abstracts. Kuopio University Publications D. Medical Sciences 246, p. 130.

Vahteristo, L., Kariluoto, S., Salovaara, H. & Piironen, V. (2001). Rye and rye folates – potential for functionality. Proceedings ILSI International Symposium on Functional Foods – Scientific and Global Perspectives, 17-19 October 2001, Paris, France, p.139.

Ros Berruezo, G. (2001). Folates: from food to functionality and optimal health. Proceedings V International Congress of Human Feeding, Nutrition and Dietetics of the Spanish Society of Human Feeding, Nutrition and Dietetics (Madrid, November 2001).

Fohr, I., Prinz-Langenohl, R., Bohlmann, A., Nau, H. & **Pietrzik, K.** (2001). Unmetabolised folic acid in plasma after supplementation with PGA). DGE Conference, 15-16 March, Gießen, Germany, Proceedings of the German Nutrition Society 3: 5.

Fohr, I., Prinz-Langenohl, R. & **Pietrzik, K.** (2001). Impact of 5,10 MTHFR polymorphism on homocysteine level with respect to plasma folate concentration. DGE Conference, 15-16 March, Gießen, Germany, Proceedings of the German Nutrition Society 3, 19.

Pietrzik, K., Bohlmann, A., Fohr, I. & Prinz-Langenohl, R. (2001). 5-Methyltetrahydrofolate (MTHF) versus pteroylmonoglutamic acid (PGA) – what is the better alternative for supplementation? FASEB Meeting, 31 March-4 April, Orlando, USA, The FASEB Journal 15 (4), 491.4

Prinz-Langenohl, R., Fohr, I., Tobolski, O., Finglas, P.M. & **Pietrzik, K.** (2001). Bioavailability of (6S)-5-Methyltetrahydrofolate relative to folic acid. Proceedings Bioavailability 2001, 30 May-1 June, Interlaken, Switzerland, p.101.

Fohr, I., Prinz-Langenohl, R., Brönstrup, A., Berthold, H.K. & **Pietrzik, K.** (2001). The homocysteine lowering effect of folic acid and 5-MTHF depends on MTHFR genotype. Proceedings of 3rd International Conference on Homocysteine Metabolism, 1-5 July, Sorrento, Italy, p.61.

Fohr, I., Prinz-Langenohl, R., Brönstrup, A., Berthold, H.K. & **Pietrzik, K.** (2001). Effect of 5-MTHF and folic acid supplements on homocysteine concentrations in homozygotes for the C677T mutation of MTHFR. Proceedings of 3rd International Conference on Homocysteine Metabolism, 1-5 July, Sorrento, Italy, p.74.

2000

Finglas, P.M. (2000). Development of GC-MS and LC-MS techniques to determine labelled folates in food and biological samples. Workshop on Folate Methodology for analytic and metabolic studies, Experimental Biology 2000, San Diego, USA, 15-18 April, 2000 (Invited talk).

Finglas PM, Hart D, Wolfe C, Wright A, Faulks R, Southon S, Gregory JF. (2000). ¹³C-Intrinsically labelled folates in spinach for bioavailability studies. Poster LB 202: Experimental Biology Meeting, San Diago, USA, 15-18 April 2000.

Wolf, C.A., Finglas, P.M. *et al.* (2000). Use of extrinsically- and intrinsically-labelled folates in foods for bioavailability studies in man. European conference on “Nutritionists meet Food Scientists and Technologists”, 12-14 April, Porto, Portugal.

Finglas PM, Wolfe C, Wright A. (2000). Folate: From food to functionality and optimal health (FolateFuncHealth). European Conference on Nutritional Enhancement of Plant Foods (NEODIET), John Innes Centre Norwich, UK, 6-9 September 2000.

Finglas PM, Wolfe C, Wright A. (2000). Folate: From food to functionality and optimal health (FolateFuncHealth). Food Safety in Europe – Challenges and Opportunities Conference, Westminster, London, UK, 18-19 October, 2000 (Poster).

Walker, C., Hilborne, V., Wolfe, C.A., Wright, A.J.A. & Finglas, P.M. (2000). 'Brewing a better beer - getting more vitamins in your pint' World Brewing Congress, Orlando, 29 July- 2 August 2000 (poster).

Ruggeri S., Aguzzi A., **Carnovale E.** (2000). Folate rich foods: an effective choice for increasing folate intake? In: Micronutrients in the Mediterranean Diet and Health. Cost Action 916, Rome, Italy, 23-25 March, **in press**.

Ruggeri S., Lombardi Boccia G., Aguzzi A. and **Carnovale E.** (2000). "Folate in Italian total diet – is an increase desirable and which way?". In: Nutrition, Thrombosis and Cardiovascular Diseases, Rome, Italy, 17-19 November, p. 36.

Witthöft CM, Jägerstad J, Bitsch I (2000). Folate content and bioavailability in food using HPLC-methods and a human model. In: Schubert R, Flachowsky G, Bitsch R, Jahreis G (ed.): Proc. 7th Symposium Micronutrients 1999, Vitamine und Zusatzstoffe in der Ernährung von Mensch und Tier. 22-23 September 1999, Jena, Thüringen, Germany, 109-114 (oral presentation).

Johannesson LM, Witthöft C, **Jägerstad M** (2000). Folate content in strawberries – effects from storage, grade of ripeness and cultivar. Proc. of the 4th International Strawberry Symposium, 9-14 July 2000, Tampere Finland. Acta Horticulturae (oral presentation).

Finglas P, Wolfe C, Wright T, **Jägerstad M**, Witthöft C, Jastrebova J, Forssén K, Johannesson L, Johansson M et al. (2000): Folate: from food to functionality and optimal health. EC-project:FolateFuncHealth. Nationella livsmedelsforskardagar, livsmedel 2000, 19-20 October, Uppsala, Sweden, 3:12.

Forssén K, Witthöft C, **Jägerstad M** (2000). Analysis of folates and vitamin B₁₂ in fermented dairy products. Nationella livsmedelsforskardagar, livsmedel 2000, 19-20 October, Uppsala, Sweden, 3:6.

Johannesson L, Witthöft C, **Jägerstad M** (2000). Folate content in strawberries. Nationella livsmedelsforskardagar, livsmedel 2000, 19-20 October, Uppsala, Sweden, 3:9

Johansson M, Witthöft C, **Jägerstad M.** (2000). Bioavailability of folates in cereals and cereal products. Effect of fortification and processing. Nationella livsmedelsforskardagar, livsmedel 2000, 19-20 October, Uppsala, Sweden, 3:10

Vahteristo, L., Kariluoto, S., Salovaara, H. & Piironen, V. (2000). Variations in folate contents of rye varieties and rye fractions – implications for development of high folate cereal products. European Conference on Nutritional Enhancement of Plant Foods, John Innes Centre, Norwich, UK, 6-9 September, 2000 (Poster presentation).

R. Prinz-Langenohl, **Pietrzik, K.** et al. (2000). Is 5-Methyltetrahydrofolate superior to folic acid with regard to short-term bioavailability? *Proceedings of the German Nutrition Society*, **2**, 17.

Pietrzik, K. (2000). 5,10-Methylenetetrahydrofolate Reductase determines the plasma total homocysteine concentration and folate status. Proceedings of the German Nutrition Society **2**; 13. DGE Conference (DGE – German Nutrition Society), 15-16 March, 2000, Bonn, Germany.

R. Prinz-Langenohl, **Pietrzik, K.** et al. (2000). Is 5-Methyltetrahydrofolate superior to folic acid with regard to short-term bioavailability?. Proceedings of the German Nutrition Society **2**; 17. DGE Conference (DGE – German Nutrition Society), 15-16 March, Bonn, Germany

Pietrzik, K. (2000). Bioavailability of micronutrients in fortified foods – water soluble vitamins. 10th Meeting of the German Society of Nutrition, Austrian Society of Nutrition and Suisse Society of Nutrition, 9-10/11, Vienna,

M. Gonzales-Gross, A. Marcos, **Pietrzik, K.** (2000). Homocysteine as a risk factor for dementia- vascular and non-vascular mechanisms. Third European Congress on Nutrition and Health in the Elderly People, 23-25 November, Madrid, Spain (Poster presentation).

Pietrzik, K. (2000). Means for Better Prevention of Neural Tube Defects. Folate and Syndromes: Cardiovascular Disease, Colon Cancer, and Neuropsychiatric Disorders, Federal Institute for Health Protection of Consumers and Veterinary Medicine, Berlin, Germany, 8 May (Expert discussion & invited talk).

Pietrzik, K. (2000). The New DRI's for Folate and Trends in Research. GVF Symposium (GVF – Society for Applied Vitamin Research), Perspectives for Vitamins, 18 May, Bonn, Germany (Invited oral presentation).

(c) Oral Presentations

2001

Walker, C. (2001) 'Folate in Beer and the Prevention of Cardiovascular Disease', Proceedings International Health Seminar, at BRi, 19 June 2001.

Walker, C. (2001). 'Evaluation of vitamins, including folate, in beer', Proceedings 2nd CBMC Beer and Health Symposium, Brussels, 18 October, 2001.

Carnovale, E. (2001). Assunzione di folati nella popolazione italiana. Workshop Interazione geni ed ambiente: folati e malformazioni congenite. Istituto Superiore di Sanità, Roma, 7 Dicembre.

Mastroiacovo, P. (2001). Strategia preventiva. Workshop Interazione geni ed ambiente: folati e malformazioni congenite. Istituto Superiore di Sanità, Roma, 7 Dicembre.

Hultdin, J. (2001). Homocysteine and MTHFR Polymorphism in CVD and Cancer. Invited talk on the 4th Progress Meeting Folate: From Food to Functionality and Optimal Health, 20-21 October 2001, Paris, France.

2000

Walker, C. (2000). 'Beer and Health' Technical University Munich, Brewing Group Weihenstephan, 26 October,.

Baxter, D. (2000). 'Can beer make a contribution to a healthy diet?' Dutch Brewers Association, Le Hague, Netherlands, November.

Kariluoto, S. (2000). Folate questions - analyst's viewpoint. Seminar presentation at The 1st Symposium on Past, Current and Future Trends in Food Chemistry Research, 29-30 November, Helsinki, Finland.

Pietrzik, K. (2000). Potential of B-Vitamins in the Prevention of Cardiovascular Disease. 20th Anniversary Seminar of the Vitamin Information Center (Japan), 16 June, Tokyo, Japan

Pietrzik, K. (2000). Importance of folate for pregnancy and fetal development. Symposium of the Vienna Food and Nutrition Service, 30 November, 2000, Vienna, Austria.

(d) Other Publications

2002

Finglas, P.M. (February 2002). Folate: From Food to Functionality and Optimal Health, FolateFuncHealth newsletter, Issue 4, IFR, Norwich (*ISSN-1472-9700*).

Turrini, A., Ruggeri, S., Camilli, E. & **Carnovale, E.** (2002). Preparation of a data bank for the folate content of Italian foods, National Institute of Nutrition, **In Preparation.**

Arkbåge, K., **Jägerstad, M.** (2002). Folater i Fokus (Folates in focus). Forskning Special, Svensk Mjök (Swedish Dairy Association, 03/01/2002).

Jägerstad, M. (2002). Folates in fermented vegetables. In: FolateFuncHealth Newsletter, Issue 4, February 2002, IFR, Norwich, UK.

Finglas, P.M. (June 2001). Folate: From Food to Functionality and Optimal Health, FolateFuncHealth newsletter, Issue 3, IFR, Norwich (*ISSN-1472-9700*).

Usano, K. (2002). Optimisation of trienzyme extraction for microbiological determination of folate in grain products. Masters thesis (in Finnish, English abstract). EKT-series 1249, 63 pages. University of Helsinki, Finland.

2001

Walker, C. (2001). 'Adding value to brands- wholesome malt', Proceedings International Malt Quality Seminar, at BRi, 26 April.

Walker, C. (2001). 'Beer and Health' Bliss up in a brewery – British Guild of Beer Writers Event, 4 June 2001, London.

Walker, C. (2001). 'Is Beer Good for Your Heart?' Brauwelt Intl II, 136-140. [*Also released in German as: 'Ist Bier gut für Ihr Herz?' Brauwelt (2001) 34/35: 1278-1283*].

Walker, C. (2001). 'Vitamins in Beer' Alcohol in Moderation Magazine, 9, 13.

Walker, C. et al (2001). 'Folate in Beer and the Prevention of Cardiovascular Disease', Proceedings of the 28th EBC congress [CD-ROM].

Ruggeri S., Aguzzi A., Salvatore P., **Carnovale E.** (2001). Contenuto e forme dei folati in arance e succhi d'arancia. Rivista Società Italiana Scienza dell'Alimentazione, Supplal N.3, 323-329.

Ruggeri, S., Camilli, E. & **Carnovale, E.** (2001). Booklet to give advise” How to enrich the diet with natural folate”, National Institute of Nutrition, **In Preparation**

Marchi, F. (2001). Thesis “Variability of folate content in orange cultivars and effect processing in orange juices”, Agricultural University of Udine, July 2001

Johannesson, L.M., **Witthöft, C.**, Jägerstad, M. (2001). Folate content in strawberries – effects from storage, grade of ripeness and cultivar. Proc. of the 4th International Strawberry Symposium, 9-14 July 2000, Tampere Finland. Acta Horticulturae.

Witthöft, C. (2001). An ileostomy model to assess effects of food processing on human folate availability and absorption. In: FolateFuncHealth Newsletter, Issue 3, June 2001, IFR, Norwich, UK.

Witthöft, C.M. (2001). The contents and bioavailability of folates in processed foods. Final Scientific Report for the European Commission: FAIR-CT-98-5061 (EU proposal 974629), Uppsala, Sweden.

Lindenberg, J., **Witthöft, C.M.**, Løken, E.B. (2001). Intercomparison of microbiological methods for folate determinations in food. Fourth International Food Data Conference: New trends in the management and uses of food databases, 24-26 August 2001, Bratislava, Slovakia (poster).

Jastrebova, J., Nilsson, C., **Witthöft, C.**, Johansson, M. & Jägerstad, M. (2001). Comparison of different sorbent materials for solid-phase extraction of folates from food extracts. Analysdagarna, 11-14 June 2001, Stockholm, Sweden (poster).

Witthöft, C. (2001). Folater i livsmedel – halter, former och deras biotillgänglighet (Folates in food – content, folate forms and their bioavailability). Dr Pers Food/Dr Håkansson's Stiftelse, 1 March 2001, Eslöv, Sweden (talk as nominee to the jury of Dr Håkansson's foundation for Druvans Guldpriis 2000).

Witthöft, C. (2001). Folatsafari. Lär känna ett spännande B-vitamin (Folate safari. Get to know an exciting B-vitamin). Vetenskapsfestival/Sciences Festival, 4-13 May 2001, Göteborg, Sweden (talk and public question hour).

Witthöft, C. (2001). An ileostomy model to assess effects of food processing on human folate availability and absorption. In: FolateFuncHealth Newsletter, Issue 3, Institute of Food Research, June 2001, p3

Usano, K. (2001). Entsyymäattinen esikäsittely elintarvikemateriaaleille folaattianalytiikassa. [Enzyme pretreatment of food materials for folate analysis]. Department of Applied Chemistry and Microbiology, University of Helsinki, Finland.

2000

Finglas, P.M. (April 2000). Folate: From Food to Functionality and Optimal Health, FolateFuncHealth newsletter, Issue 1, IFR, Norwich.

Finglas, P.M. (November 2000). Folate: From Food to Functionality and Optimal Health, FolateFuncHealth newsletter, Issue 2, IFR, Norwich (ISSN-1472-9700).

Walker C, Wolfe C, Wright A, Patel D, Finglas P. (2000). Brewing a better beer - getting more vitamins in your pint. Brewing Research International, Quarterly Review (In Press).

Kariluoto, S. (2000). Affinity chromatographic purification of rye folates and their HPLC-analysis (in Finnish). Seminar presentation, University of Helsinki.

Piironen, V. & Kariluoto, S. (2000). Seminar on Finnish Food Forum (sessions on food fortification, functional foods). University of Helsinki, Finland.

Vahteristo, L. & Piironen, V. (2000). Seminar on Functional Food Development & Research.

Vahteristo, L. (2000). Functionality of Rye and Rye Folates. Short review. Folate: From Food to Functionality and Optimal Health - Newsletter. Issue 2. November 2000, IFR, Norwich.

Kariluoto, S. (2000). Determination of folates in rye using affinity chromatography and HPLC. Masters thesis (in Finnish). EKT-series 1215. 75 p. University of Helsinki, Finland.