

H-Index: 22

Total citations: 2000

Predicted H-index in 5 years - 35

1.1 Scientific papers, Original papers

1.1.1 Peer reviewed (*TOP journal for University of Vienna: within highest 25% of the category- TOP)

2014

1. Mölzer C, Huber H, Steyrer A, Ziesel G, Wallner M, Bulmer AC, **Wagner KH**. (2014): Bilirubin and Related Tetrapyrroles Inhibit Food-borne Mutagenesis: A mechanism for Antigenotoxic Action against a Model Epoxide J. Nat. Prod., 28;77(2):436. doi: 10.1021/np500101y IF=3.285 – TOP
2. Neubauer O, Sabapathy S, Ashton K, Desbrow B, Lazarus R, Wessner B, Jowett JMB, Cameron-Smith C, Hasler L, **Wagner K-H**, Bulmer A. (2014): Time-course dependent changes in the transcriptome of human skeletal muscle during recovery from endurance exercise: from inflammation to adaptive remodeling. J. Applied Physiol. 116(3):274-87. doi: 10.1152/jappphysiol.00909 IF=3.484 - TOP
3. Müllner E, Brath H, Adrigan S, Bulla MT, Stieglmayer S, Wallner M, Toferer D, Marek R, **Wagner K-H**. (2014): Nuclear anomalies in exfoliated buccal cells in healthy and diabetic individuals and the impact of a dietary intervention. Mutagenesis, 29(1):1-6. IF=3.500 – TOP
4. Kanzler S, Hartmann C, Gruber A, Lammer G, **Wagner K-H**. (2014): Salt as a public health challenge in continental European convenience and ready meals. Public Health Nutrition. In press IF=2.25

2013 – IF so far: >60

5. Böhm T, Berger H, Nejabat M, Riegler T, Kellner F, Kuttke M, Sagmeister S, Bazanella M, Stolze K, Daryabeigi A, Bintner N, Murkovic M, **Wagner KH**, Schulte-Hermann R, Rohr-Udilova N, Huber W, Grasl-Kraupp B. (2013): Food-derived peroxidized fatty acids may trigger hepatic inflammation: a novel hypothesis to explain steatohepatitis. J Hepatol. 2013 May 8. doi:pii: S0168-8278(13)00280-8. 10.1016/j.jhep.2013.04.025. [Epub ahead of print]; IF=9.858 (**4th highest journal in the area of Gastroenterology and Hepatology**) - TOP
6. Bulmer A, Verkade, H, **Wagner K-H**. (2013): Bilirubin and beyond: a review of lipid status in Gilbert's syndrome and its relevance to cardiovascular disease protection. Progress in Lipid Research. 52:193-205. IF=10.250 (**Top Journal in the Nutrition area**) – TOP
7. Kornsteiner M, **Wagner K-H**, Elmadfa I (2013): Phytosterol content and fatty acid pattern of ten different nut types. Int. J. Vit. Nutr Res. IF=1.274
8. Mölzer C, Huber H, Diem K, Wallner M, Bulmer AC, **Wagner KH**. (2013): Extracellular and intracellular anti-mutagenic effects of bile pigments in the Salmonella typhimurium reverse mutation assay. Tox in vitro, 27(1):433-437. IF=2.650

9. Mölzer C, Pflieger B, Putz EM, Roßmann A, Schwarz U, Wallner M, Bulmer AC, **Wagner K-H**. (2013): In vitro DNA-damaging effects of intestinal and related tetrapyrroles in human cancer cells. *Exp Cell Res*. 319:536-455. IF=3.557
10. Mölzer C, Huber H, Steyrer A, Ziesel G, Wallner M, Goncarova I, Orlov S, Ahlfors CE, Vitek L, Bulmer AC, **Wagner KH**. (2012): Interaction between TNF α and tetrapyrroles may account for their anti-genotoxic effects – a novel mechanism for DNA-protection. *Journal of Porphyrins and Phthalocyanines* IF=1.428, in press
11. Müllner E, Brath H, Pleifer S, Schiermayr C, Baierl A, Wallner M, Fastian T, Millner Y, Paller K, Henriksen T, Poulsen H, Forstner E, **Wagner K-H**. (2013): Vegetables and PUFA-rich plant oil reduce DNA strand breaks in individuals with type 2 diabetes. *Mol Nutr Food Res*. 57(2):328-338. IF=4.310 (**Top Journal in the Food area**) – TOP
12. Müllner E, Brath H, Adrigan S, Bulla MT, Stieglmayer S, Wallner M, Toferer D, Marek R, **Wagner K-H**. (2013): Genome damage in peripheral blood lymphocytes of diabetic and - healthy individuals after intervention with vegetables and plant oil. *Mutagenesis*, IF=3.500 – TOP
13. Müllner E, Plasser E, Brath H, Waldschütz W, Forster E, Kundi M, **Wagner K-H**. Impact of polyunsaturated vegetable oils on adiponectin levels, glycaemia and blood lipids in individuals with type 2 diabetes: a randomised, double-blind intervention study. *J Hum Nutr Diet*. 2013 Oct 21. doi: 10.1111/jhn.12168. [Epub ahead of print]
14. Neubauer O, Sabapathy S, Lazarus R, Jowett JMB, Desbrow B, Cameron-Smith C, Hasler L, **Wagner K-H**, Bulmer A. (2013): Transcriptome analysis of neutrophils after endurance exercise reveals novel signaling mechanisms in the immune response to physiological stress. *J. Applied Physiol*. 114:1677-1688. IF=3.484
15. Wultsch, G., Nersesyan A., Kundi M., **Wagner K.-H.**, Knasmüller S. et al. (2013) Formation of micronuclei and other nuclear anomalies in exfoliated nasal and oral cells: Results of a human study with workers in a power plant processing poultry litter. *Int. J. Hyg. Environ. Health*. 216:82-87. IF=3.045 – TOP
16. Wallner M, Bulmer A, Müllner E, Mölzer C, Marculescu R, Doberer D, Wolzt M, Wagner O, **Wagner KH**. (2013): Haem catabolism: a novel modulator of inflammation in Gilbert's syndrome. *Europ. J. Clin. Invest.*, in press IF=3.365 - TOP
17. Wallner M, Marculescu R, Doberer D, Wolzt M, Wagner O, Vitek L, Bulmer AC, **Wagner KH**. (2013): Protection from age-related increase in lipid biomarkers and inflammation contributes to cardiovascular protection in Gilbert's syndrome. *Clin Sci (Lond.)* 125(5):257-264 IF=4.859 – TOP
18. Wallner M, Antl N, Rittmannsberger B, Schreidl s, Najafi K, et al. ..., Bulmer AC, **Wagner KH** (2013): Anti-genotoxic potential of bilirubin in vivo: Damage to DNA in hyperbilirubinemic human and animal models. *Cancer Prev Res*, IF=4.908 – TOP

PENDING/in Revision:

19. Bakrania B, Dutoit E, **Wagner K-H**, Headrick J, Bulmer A: Hyperbilirubinemia modulates myocardial function, aortic ejection and stress-resistance in the Gunn rat. *American Journal of Physiology - Heart and Circulatory Physiology* IF=3.612
20. Bisht K, Wegiel B, Tampe J, Neubauer O, **Wagner K-H**, Otterbein LE, Bulmer AC (2013): Biliverdin modulates the expression of C5aR and IL-1Ra in response to endotoxin. *J Leucocyte Biol*, IF=4.992 – TOP

21. Franzke B, Hofmann, M., Halper, B., Oesen, S., Pehersdorfer, H.,, Bachl, N., Strasser, E.-M., Quittan, M., Wessner, B., **Wagner, K.-H.** (2014). 60+ More Years – Less Damage. The leveling-off of the micronuclei frequency in highly aged women and men & the influence of aerobic fitness. Submitted to *Mutagenesis*, IF=3.500 - TOP
22. Halper, B., Hofmann, M., Oesen, S., Franzke, B., Vidotto, C., Tschan, H., Bachl, N., Strasser, E.-M., Quittan, M., Ploder, M., **Wagner, K.-H.**, Wessner, B. (2014). Influence of age and physical fitness on miRNA-21, TGF- β and its receptors in leukocytes of healthy women. Submitted to *Exercise Immunology Review*, IF=7.053 - TOP
23. Hofmann, M., Halper, B., Oesen, S., Franzke, B., Vidotto, C., Tschan, H., Bachl, N., Strasser, E.-M., Quittan, M., Ploder, M., **Wagner, K.-H.**, Wessner, B. (2014). Serum Concentrations of Insulin-like Growth Factor-1, Members of the TGF-beta Superfamily and Follistatin do not Reflect Different Stages of Dynapenia in Women. *Journal of Gerontology: Biological Sciences* (Submission: JGBS-2014-044), IF=4.314 - TOP
24. Oesen, S., Halper, B., Hofmann, M., Franzke, B., Vidotto, C., Tschan, H., Bachl, N., Strasser, E.-M., Quittan, M., Graf, A., Ploder, M., **Wagner, K.-H.**, Wessner, B. (2014). Progressive resistance training and protein supplementation increase physical function in institutionalized elderly: A randomized controlled trial. Submitted to *Age (Dordr)*. IF=4.084 - TOP
25. Kanzler S, Manschein M, Lammer G, **Wagner K-H.** The Nutrient Composition of European Ready Meals: Protein, Fat, Total Carbohydrates and Energy. *Food Chemistry*, in revision
- 5 papers of the Research platform Active Ageing prior to submission.

2012 – IF=27.38

26. Aruoma O, Landes B, Ramful-Baboolall D, Bourdon E, Neegheen-Bhujun V, **Wagner K-H.**, Bahorun T. (2012): Functional benefits of Citrus extracts in the management of diabetes. *Preventive Medicine*, 54 Suppl:S12-16 IF=3.496 – TOP
27. Boon, A-C., Hawkins, C.L., Bisht, K., Coombes J.S., Bakrania, B., Wagner, K-H., Bulmer, A.C. Reduced circulating oxidised LDL is associated with hypocholesterolemia and enhanced thiol status in Gilbert's syndrome, *Free Radical Biology and Medicine*. 52:2120-2127, IP=5.271 – TOP
28. Fabian E., Bogner M., Kicking A., **Wagner K-H.**, Elmadfa I. (2011): Vitamin Status in Elderly People in Relation to the Use of Nutritional Supplements. *J Nutr Health Aging*. 16::206-212; IF=2.394
29. Fabian E., Kicking A., **Wagner K-H.**, Elmadfa I. (2012): Homocysteine and asymmetric dimethylarginine in relation to B vitamins in elderly people. *Wien. Klin. Wochenschrift*. 123:496-501 IF=0.813
30. Heger A, Ferk F, Nersesyan A, Szekeres T, Kundi M, **Wagner K-H**, Haidinger G, Mišik M, Knasmüller S. (2012): Intake of a resveratrol-containing dietary supplement has no impact on DNA stability in healthy subjects. *Mutation Research – Gen Tox Environ*. In press IP=2.220
31. Mölzer C, Huber H, Steyrer A, Ziesel G, Ertl A, Plavotic A, Wallner M, Bulmer AC, **Wagner KH.** (2012): In vitro antioxidant capacity and anti-genotoxic properties of protoporphyrin and structurally related tetrapyrroles. *Free Rad Res*, 46:1369-1377 IF=3.279
32. Nics L, Hahn A, Zeilinger M, Vraka C, Ungersboeck J, Haeusler D, Hartmann S, **Wagner K-H.**, Lanzenberger R, Wadsak W, Mitterhauser M. Quantification of the radio-metabolites of the serotonin-1A receptor radioligand [carbonyl-(11)C]WAY-100635 in human plasma: An HPLC-assay

which enables measurement of two patients in parallel. *Appl Radiat Isot.* 2012 Sep 13;70(12):2730-2736 IF=1.179

33. Switzeny OJ, Müllner E, **Wagner K-H**, Brath H, Aumüller E, Haslberger AG. Vitamin and antioxidant rich diet increases MLH1 promoter DNA methylation in DMT2 subjects. *Clin Epigenetics.* 2012 Oct 1;4(1):19. [Epub ahead of print]<http://www.ncbi.nlm.nih.gov/pubmed/23025454>

34. Seelinger M, Popescu R, **Wagner KH**, Fritzer-Szekeres M, Szekeres T, Diaz R, Tut F, Frisch R, Feistel B, Kopp B, Krupitza G, Popescu R. (2011): Fractionation of an extract of *Pluchea odorata* separates a property indicative for the induction of cell plasticity from one that inhibits a neoplastic phenotype. *Evidence-Based Complementary and Alternative Medicine.* In 2012;2012:701927. doi: 10.1155/2012/701927; IF=4.774

35. **Wagner K-H**, Brath H. (2012): A global view on the development of noncommunicable diseases. *Preventive Medicine*, 54 Suppl:S12-16. IF=3.496 – TOP

36. **Wagner K-H**, Elmadfa I (2012) Chemical and biological modulations of food due to the frying process. *Int J Vitam Nutr Res.* 2012 Jun;82(3):163-167. IF=1.271

37. Wallner M, Blassnigg SM, Marisch K, Pappenheim MT, Müllner E, Mölzer C, Nersesyan A, Marculescu R, Doberer D, Knasmüller S, Bulmer AC, **Wagner KH**. (2012): Effects of unconjugated bilirubin on chromosomal damage in individuals with Gilbert's syndrome measured with the micronucleus cytome assay. *Mutagenesis*, in press IF=3.500 - TOP

2011 – IF=20.64

38. Bauer S, Singhuber J, Seelinger M, Unger C, Viola K, Vonach C, Giessrigl B, Madlener S, Stark N, Wallnofer B, **Wagner KH**, Fritzer-Szekeres M, Szekeres T, Diaz R, Tut F, Frisch R, Feistel B, Kopp B, Krupitza G, Popescu R. (2011): Separation of anti-neoplastic activities by fractionation of a *Pluchea odorata* extract. *Front Biosci (Elite Ed)*, 3:1226-1236. IF=4.048 –TOP

39. Fabian E., Bogner M., Kickingner A., **Wagner K-H**, Elmadfa I. (2011): Intake of Medication and Vitamin Status in the Elderly. *Ann Nutr Metab*, 58:118-125; IF=2.173

40. Ferik F., **Wagner K-H**, Knasmüller S., et al (2011): Potent protection of gallic acid against oxidative DNA damage: results of human and animal experiments. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis.* 715:61-71; IP=3.204 – TOP

41. Haeusler D., Nics L., Wadsak W., **Wagner K.-H.**, Dudczak R., Kletter K., Mitterhauser M. (2011): [18F]FE@SUPPY and [18F]FE@SUPPY:2 - metabolic considerations. *Nuclear Medicine and Biology.* 38:449; IP=2.620

42. Moser B., Szekeres T., Bieglmayer C., **Wagner K.-H.**, et al. (2011): Impact of spinach consumption on DNA stability in peripheral lymphocytes and on biochemical blood parameters: results of a human intervention trial. *Eur J Nutr.* 50:587-594. IF=3.343 – TOP

43. Nics L., Haeusler D., Wadsak W., **Wagner K.-H.**, Dudczak R., Kletter K., Mitterhauser M. (2011): The stability of methyl-, ethyl- and fluoroethylesters against carboxylesterases in vitro: there is no difference. *Nuclear Medicine and Biology.* 38:13-17; IP=2.620 – TOP

44. Thaler, S., Zessner, M., Mayr, M.M., Haider, T., Kroiss, H., **Wagner, K.H.**, Ruzicka, K. (2011): The influence of eating habits on the nutrient balance in Austria | [Der Einfluss von Ernährungsgewohnheiten auf die Nährstoffbilanz Österreichs]. *Österr. Wasser Abfall Wirtschaft* 63:117-128,

45. **Wagner K-H.**, Reichhold S, Neubauer O. (2011): Impact of endurance and ultraendurance exercise on DNA damage. *Ann. New York Acad. Sci.*; 1229:115-123. IF=2.670 - TOP
46. Zessner, M.; Helmich, K.; Thaler, S.; Weigl, M.; **Wagner, K-H.**; Haider, T.; Mayer, M.M.; Heigl, S. (2011): Ernährung und Flächennutzung in Österreich. *Österr. Wasser Abfall Wirtschaft* 63:95-104,
47. Zessner, M.; Steinmüller, H.; **Wagner, K-H.**; Krachler, M.M.; Thaler, S.; Fazeni, K.; Helmich, K.; Weigl, M.; Ruzicka, K.; Heigl, S.; Kroiss, H. (2011): Gesunde Ernährung und Nachhaltigkeit – Grundlagen, Methodik und Erkenntnisse eines Forschungsprojektes in Rahmen des proVISION Programmes des BMWF. *Österr. Wasser Abfall Wirtschaft* 63:87-94

2010 – IF=31.21

48. Bisht K., **Wagner K-H.**, Bulmer A., (2010): Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA protective dietary compounds. *Toxicology*, 278:88-100; IF=3.641 - TOP
49. Gridling M., Kopp B., **Wagner K-H.**, Krenn L., Krupitza G. (2010): Anti-leukaemic effects of two extract types of *Lactuca sativa* correlate with the activation of Chk2, induction of p21, downregulation of cyclin D1 and acetylation of alpha-tubulin. *Oncol. Rep.* 23:1145-1151; IF=1.686
50. Haeusler D., Nics L., Wadsak W., **Wagner K-H.**, Dudczak R., Kletter K., Mitterhauser M. (2010): [18F]FE@SUPPY and [18F]FE@SUPPY:2 - metabolic considerations. *Nuclear Medicine and Biology*. 37:421-426; IP=2.620
51. Hözl C, Kundi M, ., **Wagner K-H.**, et al. (2010): Impact of instant coffee on the redox status in human: results of a clinical trial. *Mol. Nutr. Food Res.* 54:1722-1733; IF=4.713 –TOP
52. Kager N., Ferik F., Kundi M., **Wagner K-H.**, Mišik M., Knasmüller S. (2010): Prevention of oxidative DNA damage in inner organs and lymphocytes of rats by green tea extract. *Eur J Nutr.* 49:227-234; IF=3.343 - TOP
53. Koschutnig K., Kemmo S., Lampi A.-M., Piironen V., Fritz, C., **Wagner K-H.** (2010): Cytotoxic and apoptotic effects of single and mixed oxides of β -sitosterol on HepG2-cells. *Tox. In vitro*, 23:755-762; IF=2.139
54. Mišik, M., Hoelzl, C., **Wagner, K.-H.**, Cavin, C., Moser, B., Kundi, M., Simic, T., Knasmüller, S. (2010): Impact of paper filtered coffee on oxidative DNA-damage: Results of a clinical trial. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis.* 692:42-48; IP=3.204 - TOP
55. Neubauer O., König D., **Wagner K-H.** (2010): Antioxidant responses to an acute bout of ultra-endurance exercise: Impact on DNA stability and relevance of antioxidant status. *British J. Nutr.* 104:1129-1138; IF=2.967 - TOP
56. Sturtzel B., Dietrich A., **Wagner K-H.**, Gisinger C., Elmadfa I. (2010): The status of vitamins B6, B12 Folate, and of homocystein in geriatric home residents receiving laxatives or dietary fiber. *J Nutr Health Aging* 14:219-223; IF=2.352
57. **Wagner K-H.**, Reichhold S., Meisel M., Hoelzl C., Knasmüller S., Neubauer O. (2010): Welltrained, healthy triathletes experience no adverse health risks regarding oxidative stress and DNA damage by participating in an ultra-endurance event? *Toxicology*, 278:211-216; IF=3.641 – TOP

2009 – IF=23.21

58. Cheriot S., Billaud C., Pöchtrager S., **Wagner K-H.** (2009): A comparative study between antioxidant and mutagenic properties of cysteine-glucose derived Maillard reaction products and neoformed products from heated cysteine and hydroxymethylfurfural. *Food Chem.*, 114:132-138; IF=3.052 - TOP
59. Freisling H., Elmadfa, I., Schuh W., **Wagner K-H.**, (2009): Development and validation of a Food Frequency Index using nutritional biomarkers in a sample of non-frail older adults. *J. Hum. Nutr. Diet.* 22:29-39; IF=1.388,
60. Gridling M., Kopp B., **Wagner K-H.**, Krupitza G. (2009): *In vitro* anticancer activity of two ethnopharmacological healing plants from Guatemala *Pluchea odorata* and *Phlebodium decumanum*. *Int J. Oncol.* 34:1117-1128; IF=3.398 – TOP
61. Koschutnig K., Kemmo S., Lampi A.-M., Piironen V., Fritz, C., **Wagner K-H.** (2009): Separation and Isolation of β -sitosterol oxides and their mutagenic potential in the Salmonella microsome assay. *Food Chem.*, 118: 133-140; IF=3.052 – TOP
62. Reichhold S., Neubauer O., Bulmer A., Knasmüller S., **Wagner K-H.** (2009): Endurance exercise and DNA stability: Is there a link to duration and intensity. *Mut. Res. Rev.*, 682: 28-38, IF=7.017 –TOP
63. Reichhold S., Neubauer O., **Wagner K-H.** (2009): Effect of an Ironman-Triathlon on Oxidative Stress and Oxidative DNA damage. *Free Rad. Res.*, 43:753-760, IF=2.925
64. Smoliner C., Norman K., Hartig W., **Wagner K-H.**, Lochs H., Pirlich M. (2009): Is depression an ignored risk factor for impairment of nutritional status and quality of life in the elderly? *British J. Nutr.*, 102:1663-1667; IF=3.302 – TOP

2008 – IF=48.56

65. Bulmer A.C., Ried K., **Wagner K-H.** (2008): Antimutagenic effects of bile pigments. *Mut. Res. Rev.*, 658:28-41, IF=7.579 – TOP
66. Ehrlich V., Hoelzl C., Ferk F., Bichler J., Valic E., Schaffer A., Schulte-Herann R., Fenech M., **Wagner K-H.**, Knasmüller S. Inhalative exposure to vanadium pentoxide causes DNA damage in workers: results of a multiple endpoint study. *Environm. Health Perspect.* 116:1689-1693; IF=6.123 – TOP
67. Kanzler S., Manschein M., Gruber A., **Wagner K-H.** (2008): Evaluating the nutritional composition of different European ready-to-eat meals. *Ann. Nutr. Metabol.*, 52:127. IF=1.616
68. Knasmüller S., Gerner C., Mikulits W., **Wagner K-H.** (2008): Use of conventional and OMICS based methods for health claims of dietary antioxidants: a critical overview. *British J. Nutr.*; in press IF=2.967 (invited review) – TOP
69. Knasmüller S., Stidl R., Sontag G., **Wagner K-H.** (2008): Investigations concerning the long term effects of dietary factors on human health: current topics, methods and new concepts. *Food Chem. Toxicol.*, 46:1211-1212, IF=2.393
70. Neubauer O, König D, Nics L, Kern N, **Wagner K-H.** (2008): Oxidative Balance after an Ironman Triathlon: Relevance of Training Status. *Medicine & Science in Sports & Exercise*, 40:2119-2128; IF=2.909 – TOP

71. Neubauer O, König D, Nics L, **Wagner K-H.** (2008): Recovery after an Ironman Triathlon: Sustained Inflammatory Responses and Muscular Stress Author list. *Europ.J. Appl. Physiol*, 104:417-426; IF=1.752
72. Neubauer O., König D., **Wagner K-H.** (2008): Exercise induced DNA damage: Is there a relationship with inflammatory responses? *Exerc. Immunol. Rev.* 14:51-72; IF=4.438 – TOP
73. Neubauer O., Nics L., Kern N., Reichhold S., **Wagner K-H.** (2008): Enhanced antioxidant capacity after an Ironman triathlon. *Ann. Nutr. Metabol.*, 52:216. IF=1.616
74. Plasser E., Brath H., Forster E., **Wagner K-H.** (2008): Plant oils affect the adiponectin levels in type2 diabetics. *Ann. Nutr. Metabol.*, 52: 553. IF=1.616
75. Reichhold S., Neubauer O, Ehrlich V, Knasmüller S, **Wagner K-H.** (2008): An Ironman-Triathlon does not increase frequency of Micronuclei. *Cancer Epidem. Biomark.*, 17:1913-1919; IF=4.642 –TOP
76. Reichhold S., Neubauer O., **Wagner K-H.** (2008): Effects of an Ironman triathlon on DNA stability. *Ann. Nutr. Metabol.*, 52: IF=1.616
77. Summa C., McCourt J., Cämmerer B., Fiala A., Probst M, Kun S., Anklam E., **Wagner K-H.** (2008): Radical scavenging activity, anti-bacterial and mutagenic effects of Cocoa bean Maillard Reaction products with degree of roasting. *Mol. Nutr. Food Res.*, 52:342-351, IF=3.439 –TOP
78. Tyl C., Brecker L., **Wagner K-H.** (2008): NMR spectroscopy as tool to follow changes in the fatty acid profile of n-3 PUFA-rich fish oils. *Europ. J. Lipid Sci. Technol.*, 110:141-148; IF=1.184
79. **Wagner K-H.**, Plasser E., Proell C, Kanzler (2008): Comprehensive studies on Trans Fatty Acid content in Foods of Austria as model for Central Europe: Fast Food, Convenience Products and Margarines., *Food Chem.*, 108:1054-1060 IF=3.052 –TOP
80. **Wagner K-H.**, Haber P., Elmadfa I. (2008): Thanks be to body exercise, getting mobile and less dependent. *Ann. Nutr. Metabol.*, 52:38-42; IF=1.616
81. **Wagner K-H.**, Elmadfa I. (2008): Vienna Research Platform of Nutrition and Food Sciences (VRPNFS): New Aspects in Quality and Biofunctionality of Foods. *Ann. Nutr. Metabol.*, 52:117-134. IF=1.616
82. **Wagner K-H.**, Bulmer A. (2008): Antioxidative and antimutagenic effects of bile pigments – novel in vitro and in vivo data. *Ann. Nutr. Metabol.*, 52: IF=1.616

2007

83. Bulmer A.C., Ried K., Coombes JS, Blanchfield JT, Toth I., **Wagner K-H.** (2007): The potential antimutagenic and antioxidant effects of bile pigments in the Ames Salmonella test. *Mut. Res. Genetic Toxicology and Environmental Mutagenesis* 629:122-132; IF=2.122
84. König D., Neubauer O, Nics L, Kern N, Berg A., Bisse E., **Wagner K-H.**, (2007): Biomarkers of exercise-induced myocardial stress in relation to inflammatory and oxidative stress. *Exerc. Immunol. Rev.* 13:15-36; IF=4.438
85. Majchrzak D., Singer I., Männer M., Rust P., Genser D., **Wagner K-H.**, Elmadfa I. (2007): B-Vitamin Status and concentrations of homocysteine in Austrian omnivores, vegetarians and vegans. *Ann. Nutr. Met.* 50:485-491; IF=1.564

86. Thurner K., Razzazi-Fazeli E., **Wagner K-H.**, Elmadfa I., Luf W. (2007): Determination of cholesterol oxidation products in raw and processed beef and pork preparations. *Eur. Food Res. Technol.*, 224:797-800; IF=1.087

87. **Wagner K-H.**, Reichhold S., Koschutnig K., Cheriot S., Billaud C. (2007): The potential antimutagenic and antioxidant effects of Maillard reaction products used as "natural antibrowning" agents. *Mol. Nutr. Food Res.*, 51:496-504, IF= 3.439

2006

88. Elmadfa I., Al-Saghir S., Römer J., Kanzler S., Frisch G., Thurner K., **Wagner K-H.** (2006): Selected quality parameters of salmon and meat when fried with or without added fat. *Int. J. Vitam. Nutr. Res.*, 76:238-246; IF=1.071

89. Kornsteiner M., **Wagner K-H.**, Elmadfa I. (2006): alpha-, gamma- and delta-Tocopherols and total phenolics in ten different nut types. *Food Chem.* 98:381-387; IF=2.433

90. Olafsdottir A.S., Thorsdottir I., **Wagner K-H.**, Elmadfa I. (2006): Polyunsaturated fatty acids in the diet and breast milk of lactating Icelandic women with traditional fish and cod-liver oil consumption. *Ann. Nutr. Met.*; 50:270-276; IF=1.564

91. Summa C., Cordeiro Raposo F., McCourt J., LoScalzo R., **Wagner K-H.**, Elmadfa I., Anklam E. (2006): Effect of roasting on the radical scavenging activity of cocoa beans. *Eur. Food Res. Technol.*, 222:368-375; IF=1.087

92. Vardavas C.I., Majchrzak D., **Wagner K-H.**, Elmadfa I., Kafatos A (2006): The antioxidant and phyloquinone content of wildy grown greens in Crete. *Food Chemistry.* 99:813-821; IF=2.433

93. Vardavas C.I., Majchrzak D., **Wagner K-H.**, Elmadfa I., Kafatos A. (2006): Lipid concentrations of wild edible greens in Crete. *Food Chemistry.* 99:822-834; IF=2.433

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6. **Wagner K-H.** (2002): Fette: Ein wesentlicher Beitrag zu einer gesunden Ernährung: Omega-3-Fettsäuren in Prävention und Therapie. *Der Hausarzt*
7. **Wagner K-H.** (2002): Eine besondere Art von Fettsäuren: Biologische Wirksamkeit von Konjugierten Linolsäuren. *Moderne Ernährung heute.*

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16. Kanzler S., **Wagner K-H.** (2009): Optimierung der Komponenten – Verbesserung der ernährungsphysiologischen Qualität von Fertiggerichten. *Lebensmitteltechnik* 9:45-47
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1.2 Book Co-Authorship

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1.3 Book chapters

1. **Wagner K-H.**, Elmadfa I. (1999): Nutrient Antioxidants and stability of frying oils (Tocochromanols, β -Carotene, Phylloquinone, Ubiquinone 50). In: Frying of Food (eds. D. Boskou, I. Elmadfa), Technomics, Publishing CO. Inc., Lancaster-Basel, pp 163-182
2. Elmadfa I., **Wagner K-H.** (1999): Fat and Nutrition. In: Frying of Food (eds. D. Boskou, I. Elmadfa), Technomics, Publishing CO. Inc., Lancaster-Basel, pp 1-24
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8. Kreitner M., **Wagner K-H.**, Ebermann R., Elmadfa I., Alth G., Foißy H. (2003*): Finding optimal photosensitisers for the decontamination of foods by the photodynamic effect. In: Forum Nutrition No. 56, Modern Aspects of Nutrition: present knowledge and future perspectives (eds. I. Elmadfa, E. Anklam, J.S. König), Karger, Basel, pp 367-369
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18. Nersesyan A, Mišik M, Hoelzl C, Ehrlich V, Mikulits W, **Wagner K-H**, Knasmüller S, Gerner C (2007) Use of Proteomics-based approaches to Investigate the Consequences of Oxidative DNA Damage and Protective Effects of Dietary Factors. In: Synthetic and natural compounds in cancer therapy and prevention, Durackova Z and Slamenova D. (eds) Bratislava, Slovakia, Slovak Academic Press: pp 297- 307.

19. Kanzler S., Manschein M., Gruber A., **Wagner K-H.** (2008): Beurteilung der ernährungsphysiologischen Qualität von europäischen Fertiggerichten. In: Bauer F., Pfannhauser W. (Hrsg.), Pflanzliche Lebensmittel – Wein, Obst, Gemüse – Qualität und Sicherheit, Österreichische Lebensmittelchemikertage 2008, 28.-30. Mai 2008, Eisenstadt; Gesellschaft Österreichischer Chemiker, 193-197; ISBN: 978-3-900554-637.

20. **Wagner K-H.** Methodology to determine antioxidative activity. In: Chemoprevention of Cancer and DNA damage by Dietary Factors. S. Knasmüller, D. Demarini, I. Johnson (eds.) Wiley Press, 2009

21. **Wagner K-H.**, Elmadfa I. (2011): Nutrient Antioxidants and stability of frying oils (Tocochromanols, β -Carotene, Phylloquinone, Ubiquinone 50). In: Frying of Food (eds. D. Boskou, I. Elmadfa), CRC Press, 2nd edition

22. **Wagner K-H.**, Elmadfa I. (2011): Chemical and biological modulations of the frying fat – impact on the fried food. In: Frying of Food (eds. D. Boskou, I. Elmadfa), CRC Press, 2nd edition

23. **Wagner K-H.**, Brath, H. (2012): Global view on the Development of Noncommunicable Diseases. In: Obesity (eds. D. Bagchi, H.G. Preuss), CRC Press, 2nd edition, p45-53.

4 other chapters in international books are in preparation at the moment

1.4 Reports

1. Elmadfa I, **Wagner K-H.**, Rust P: Einfluss von Ernährung und Training auf Leistungsparameter bei alten Menschen. MA-L, Dezernat für Gesundheitsplanung, 2000
2. Sonnleitner S, **Wagner K-H.**, Elmadfa I: „Melanoidins in Food and Health“ – final report of the Short Term Scientific Mission in Kiel (COST 919), Germany, from 07 - 08 2001
3. Elmadfa I, **Wagner K-H.**, Wasserbacher B: Ernährungsstatus Wiener Pensionisten. Gemeinde Wien, MA-L, Dezernat für Gesundheitsplanung, 2002
4. Elmadfa I., **Wagner K-H.**, Frisch G. et al.: Vergleichende Wirkung der Lebensmittelzubereitung mit und ohne Fett auf ausgewählte Qualitätskriterien. ISFE/AMC, 2004.
5. **Wagner K-H**, Plasser E, Pröll C, Windischhofer K.: Transfettsäuren in Österreich. BMGF, 2006
6. **Wagner K-H**, Neubauer O.: Risikobeurteilung von Ironman Triathlon Teilnehmern, Endbericht, Österreichischer Wissenschaftsfonds, 2008
7. Knasmüller S, **Wagner K-H**: Untersuchung vanadiumpentoxid-exponierter Arbeiter auf genotoxische Schäden. AUVA-Report, 2008

Examples of Invited Presentations

From the 180 presentations given on various scientific meetings approx. 35% were invited. Here the most important ones:

1. **Wagner K-H**: TFA in Austria, WHO European Ministerial Conference, 4-5 July 2014, Vienna, Hofburg, Representative for Austria
2. **Wagner K-H**: Lifestyle changes as an important tool for improving DNA damage and oxidative stress? Invited Lecture at Harvard Medical School, Department of Surgery, 3rd May 2013, Boston, USA
3. **Wagner K-H**: Lifestyle changes as an important tool for improving health biomarker. Plenary Lecture at Gold Coast Health and Medical Research Conference. 29 – 30 November 2012 Gold Coast, Australia
4. **Wagner K-H**: Wallner M, Bulmer AC. Cardiovascular protection of subjects with Gilbert Syndrome: The significant role for lipid metabolism. Trieste Yellow Retreat (TYR), International Centre for Genetic Engineering and Biotechnology, 21 – 22 June 2012, Trieste, Italy
5. **Wagner K-H**: Diet, Physical activity and Ageing Biomarker. 16. April 2012, CSIRO/University of Adelaide, Australia
6. **Wagner K-H**: Abwehr und Verteidigung? Antioxidantien im Sport. Auf die Plätze, fertig, los! Sport und Ernährung. VEÖ Tagung, 9 November 2012, Vienna, Austria
7. **Wagner K-H**: Nutrition and Mobility in the elderly. Symposium “Mobility for the elderly”, 16 June 2012, Vienna, Austria

8. **Wagner K-H:** Lifestyle factors to prevent DNA damage. Menopause, Andropause Antiageing meeting. 8. December 2012, Vienna, Austria.
9. **Wagner K-H:** Exposure of edible oils to high temperature: Products, analytical and chemical indicators. ISFE Symposium 2011, 1st-2nd December, Vienna Austria
10. **Wagner K-H:** Health and Nutrition: An international perspective. 1st Ergothioneine Congress. 15 - 17. 07. 2011, UCLA, Los Angeles, USA.
11. **Wagner K-H:** Endurance exercise and DNA stability: Is there a link to duration and intensity? 10th International Conference on Mechanisms of Antimutagenesis and Anticancerogenesis. 26 - 29. 09. 2010, Guaruja, Brasil.
12. **Wagner K-H:** Use of conventional and –OMICS based methods to determine oxidative stress. 7th Euro Fed Lipid Congress, 18. – 21.10. 2009, Graz, Austria;
13. **Wagner K-H.,** Impact of Physical exercise on oxidative Stress, DNA stability, gene expression and cellular repair mechanisms Sport and Cancer 2008. 20. – 22. November 2008, Munich, Germany.
14. Plasser E, Brath, H, Forster E, **Wagner K-H.:** Impact of Plant Oils on Adiponectin levels in Type 2 Diabetics 6th Euro Fed Lipid Congress: Oils, Fats and Lipids in the 3rd Millennium: Challenges, Achievements and Perspectives. 07. – 10. September 2008, Athens, Greece.
15. **Wagner K-H.,** Neubauer O, Reichhold S.: Effects of an Ironman Triathlon on the DNA as detected by the SCGE and CBMN (Cyt) assay. SFRR Europe Meeting: Free Radicals and Nutrition: Basic Mechanisms and Clinical Applications. 5. – 9. July 2008, Berlin, Germany.
16. **Wagner K-H.:** Plant Oils in the Management of Type-II-Diabetes: Is there scientific evidence? 3rd International Symposium of HNMRC. 15 – 18 October 2007, Graz, Austria.
17. Bulmer, A.C., Ried, K. Blanchfield, J.T., Coombes, J.S. Toth, I. **Wagner, K-H.** The antioxidant and antimutagenic effects of bile pigments in the Ames Salmonella test. *National Australasian Society for Free Radical Research*, University of Western Australia, Perth, 1. – 4. December, 2006, Perth, Australia.
18. Knasmüller S, Nerseyan A, Misik M, Gerner Ch, Mikulits W, Ehrlich V, Hölzl C, Szakmary A, **Wagner K-H.:** Use of conventional and –OMICS based methods for health claims of dietary antioxidants: A critical overview. DNA responses after an Ironman Triathlon, Conference "Oxidative Stress in Diseases", 23.-25. April 2008, Bratislava, Slovakia.

Congress presentations (77% of them were oral presentations, 23% posters) - Summary

Presentations with abstract in a scientific journal/abstract book:

19. **Wagner K-H.,** Elmadfa I. (1998): Das antioxidative Potential verschiedener Kombinationen von Radikalfängern in Pflanzenölen. 35. Wissenschaftlicher Kongreß der Deutschen Gesellschaft für Ernährung 19. – 20. 03. 1998, Kiel (Germany)

Abstract: Zeitschrift für Ernährungswissenschaften 37:p82

20. Tomasch R., **Wagner K-H.,** Elmadfa I. (1998): Evaluierung der antioxidativen Wirkung des natürlichen gamma-Tocopherol am Menschen. 35. Wissenschaftlicher Kongreß der Deutschen Gesellschaft für Ernährung 19. – 20. 03. 1998, Kiel (Germany)

Abstract: Zeitschrift für Ernährungswissenschaften 37:p82

21. Hampshire J., **Wagner K-H.**, Ganßmann, W., Elmadfa I. (1998): Tocopherol- und Tocotrienolgehalte deutscher Hafersorten. 35. Wissenschaftlicher Kongreß der Deutschen Gesellschaft für Ernährung 19. – 20. 03. 1998, Kiel (Germany)

Abstract: Zeitschrift für Ernährungswissenschaften 37:p116

22. **Wagner K-H.**, Elmadfa I. (1998): Optimization of the stability of plant oils by adding antioxidants. 52nd International Congress and Expo: Fats & Oils in Science, Technology and Nutrition. 13. – 15. 09. 1998, Magdeburg (Germany)

Abstract: Book

23. Nogala – Kalucka M., **Wagner K-H.**, Elmadfa I. (1998): Antioxidant activity of tocopherols with respect to stability of triacylglycerols in lard. 52nd International Congress and Expo: Fats & Oils in Science, Technology and Nutrition. 13. – 15. 09. 1998, Magdeburg (Germany)

→M. Nogala-Kalucka war verhindert: Übernahme des Vortrags durch **K.-H. Wagner.**

Abstract: Book

24. Tomasch R., **Wagner K-H.**, Elmadfa I. (1998): Evaluation of the antioxidative effect of plant oils in humans. 52nd International Congress and Expo: Fats & Oils in Science, Technology and Nutrition. 13. – 15. 09. 1998, Magdeburg (Germany)

Abstract: Book

25. **Wagner K-H.**, Elmadfa I. (1999): Optimization of the stability of plant oils by adding antioxidants. 90th AOCS Annual Meeting, 9. – 12. 05. 1998 Orlando (USA)

Abstract: INFORM 10:p13

26. **Wagner K-H.**, Auer E., Elmadfa I. (1999): *TRANS*-Fettsäuren in ausgewählten Lebensmitteln. 36. Wissenschaftlicher Kongreß der Deutschen Gesellschaft für Ernährung 18. – 19. 03. 1999, Stuttgart (Germany)

Abstract: Proc. Germ. Nutr. Soc. 1:p55

27. **Wagner K-H.**, Tomasch R., Elmadfa I. (1999): Effects of diets with different fatty acid composition on the total antioxidative capacity. 8th European Nutrition Conference 17.-18. 06. 1999, Lillehammer, (Norway)

Abstract: Scan. J. Nutr. Supplement 43:p80

28. Olafsdottir A., **Wagner K-H.**, Thorsdottir I., Elmadfa I. (1999): Dietary Intake of Islandic Breast-feeding women and Fat Soluble Nutrients in Human Milk. 8th European Nutrition Conference 17-18 06. 1999, Lillehammer, (Norway)

Abstract: Scan. J. Nutr. Supplement 43:p56

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126. Kanzler S, Manschein M, Gruber A, **Wagner K-H.**: The Burden of Ready-to-eat Meals - Content of Total Energy, Fat, Saturated Fatty Acids and Salt. 6th Euro Fed Lipid Congress: Oils, Fats and Lipids in the 3rd Millennium: Challenges, Achievements and Perspectives. 07. – 10. September 2008, Athens, Greece.
Abstract: Congress Proceedings
127. **Wagner K-H.**: Plants Oils in the Dietary Management of Type-II Diabetes. 6th Euro Fed Lipid Congress: Oils, Fats and Lipids in the 3rd Millennium: Challenges, Achievements and Perspectives. 07. – 10. September 2008, Athens, Greece.
Abstract: Congress Proceedings
128. Plasser E, Brath, H, Forster E, **Wagner K-H.**: Impact of Plant Oils on Adiponectin levels in Type 2 Diabetics 6th Euro Fed Lipid Congress: Oils, Fats and Lipids in the 3rd Millennium: Challenges, Achievements and Perspectives. 07. – 10. September 2008, Athens, Greece.
Abstract: Congress Proceedings
129. Koschutnig K, Kemmo S, Lampi A-M, Piironen V, **Wagner K-H.**: Toxicological effects of oxyphytosterols on HepG2 – cells. 6th Euro Fed Lipid Congress: Oils, Fats and Lipids in the 3rd

Millennium: Challenges, Achievements and Perspectives. 07. – 10. September 2008, Athens, Greece.

Abstract: Congress Proceedings

130. **Wagner K-H.**, Neubauer O: Einfluss von Sport auf oxidativen Stress, DNA Stabilität, Genexpression und zelluläre Reparaturmechanismen. Sport und Krebs 2008 (Exercise and Cancer). 20. – 22. November 2008, Munich, Germany, (invited)

Abstract: Congress Proceedings

131. **Wagner K-H.**, Neubauer O: Einfluss von Sport auf oxidativen Stress, DNA Stabilität und zelluläre Reparaturmechanismen. 24 Tagung der GUM: Lyfestyle und DNA Stabilität. 17. – 20. February 2009, Vienna, Austria, (invited)

Abstract: Congress Proceedings

132. **Wagner K-H.** Plasser E, Müllner E, Forster E,: Influence of Plant Oils on Lipid related parameters and Metabolic Control in Type 2 Diabetics. 100 AOCs Annual Meeting, 03. – 06. May 2009, Orlando, USA. (invited)

Abstract: INFORM

133. Kanzler S, Manschein M, Gruber A, **Wagner K-H.**: Nutritional Evaluation of European Ready Meals. 100 AOCs Annual Meeting, 03. – 06. May 2009, Orlando, USA.

Abstract: INFORM

134. Neubauer O, Reichhold S, Knasmüller S, König D, **Wagner K-H** (2009). Exercise and DNA damage: Significance of Inflammatory and Antioxidant Responses, *2nd Copenhagen Workshop on DNA Oxidation*, Jan. 29th – 30th 2009, University of Copenhagen, Denmark; (invited)

Abstract: Congress Proceedings

135. Neubauer O, Reichhold S, König D, Knasmüller S, **Wagner K-H** (2009). Consequences of Inflammatory and Antioxidant Responses on DNA Damage after Ultra-endurance Exercise, *24th Meeting of the Gesellschaft für Umwelt- Mutationsforschung (GUM; German section of the European Environmental Mutagen Society)*, Feb. 17th – 20th 2009, University of Vienna, (invited)

Abstract: Congress Proceedings

136. Neubauer O, Reichhold S, König D, Knasmüller S, **Wagner K-H** (2009). Ultra-endurance exercise and DNA Stability: Role of Inflammatory and Antioxidant Responses, *14th Ann. Congress of the European College of Sport Science*, June 24th – 27th 2009, Oslo, Norway

Abstract: Congress Proceedings

137. Neubauer O, Reichhold S, König D, Knasmüller S, **Wagner K-H** (2009). Implications of Oxidative Stress, Antioxidant and Inflammatory Responses on DNA Stability after Ultra-Endurance Exercise, *Society for Free Radical Research (SFRR)-Europe Meeting*, Aug. 26th – 29th 2009, Rome, Italy (invited)

Abstract: *Free Radic Res.* 43, S1: S92

138. Neubauer O, Reichhold S, König D, Knasmüller S, **Wagner K-H.** Inflammatory, Oxidative stress and Antioxidant Responses after Ultra-Endurance Exercise and their Relevance for DNA Stability (2009), *9th symposium of the International Society of Exercise and Immunology (ISEI)*, Sep. 21st-23rd 2009, Tübingen, Germany (invited)

Abstract: Congress Proceedings

139. Kanzler S, Manschein M, Gruber A, **Wagner K-H:** European and Austrian ready meals: Are the recommendable for the diet of children and adolescents? 7th Euro Fed Lipid Congress, 18.-21.10.2009, Graz, Austria,

Abstract: Book of Abstracts

140. Kanzler S, Manschein M, **Wagner K.-H**: Fat content and Fatty acid pattern of European Ready Meals. 19th International Congress of Nutrition, 4-9 October 2009, Bangkok, Thailand.

Abstract: Ann Nutr Metab, 55 (suppl 1):332

141. Kanzler S, **Wagner K.-H**: Die Nährstoffzusammensetzung von Fertiggerichten des österreichischen und des europäischen Marktes. ÖGE Jahrestagung 2009 „Gesundheitsförderung – Bedeutung der Lebensmittel- und Ernährungsqualität“, 10.-11.09.2009, Vienna, Austria, (invited)

Abstract: Ernährung/Nutrition, 33:375-376

142. Kanzler S, **Wagner K.-H**: The fatty acid composition and nutrient and salt content of European ready meals. 3rd International EuroFIR Congress, 8.-10.09.2009, Vienna, Austria

Abstract: Congress proceedings

143. Müllner E, Plasser E, Zajitschek A, Brath H, Wagner K-H: PUFA rich plant oils and oxidative stress in type 2 diabetics. 7th Euro Fed Lipid Congress, 18. – 21.10. 2009, Graz, Austria (invited)

Abstract: Proceedings

144. Plasser E, Müllner E, Brath H, **Wagner K.-H**: Impact of Plant Oils on Adiponectin Levels of Type 2 Diabetics. 19th International Congress of Nutrition, 4-9 Oktober 2009, Bangkok, Thailand.

Abstract: Ann Nutr Metabol

145. **Wagner K.-H**, Neubauer O: Einfluss von Sport auf oxidativen Stress, DNA Stabilität und zelluläre Reparaturmechanismen. 24 Tagung der GUM: Lyfestyle und DNA Stabilität. 17. – 20. February 2009, Vienna, Austria, invited. **Abstract:** Congress Proceedings

146. **Wagner K.-H**, Plasser E, Proell C, Kanzler S: Content of Trans Fatty Acids in Austrian Foods. International Congress of Nutrition, 04.-09.10.2009, Bangkok, Thailand

Abstract: Ann Nutr Metab,55 (suppl 1):553

147. **Wagner K.-H**, How can oxidative stress and DNA stability be influenced by diet and physical activity? BIOCHEMICKÝ ZJAZD. 08 - 12. 09. 2010, Martin, Slovakia. (invited)

Abstract: Abstract book

148. **Wagner K.-H**, Endurance exercise and DNA stability: Is there a link to duration and intensity? XXII. 10th International Conference on Mechanisms of Antimutagenesis and Anticancerogenesis. 26 - 29. 09. 2010, Guarujá, Brasil. (invited)

Abstract: Abstract book

149. **Wagner K.-H** Ernährung für die Herzgesundheit –Phytosterine im Cholesterinmanagement. 53 Bundeskongress der VDD, 6-7 May 2011, Wolfsburg, Germany, (invited)

Abstract: Abstract book

150. Mölzer C, **Wagner K.-H**, Antioxidative and antimutagenic effects of selected bile pigments in vitro. Trieste Yellow Retreat (TYR), International Centre for Genetic Engineering and Biotechnology, 8th – 9th March 2010, Trieste, Italy. (invited)

Abstract: Abstract book

151. Mölzer C, Bulmer AC **Wagner K.-H**. Antioxidative potential of bile pigments - evidence from Vienna studies Trieste Yellow Retreat (TYR), International Centre for Genetic Engineering and Biotechnology, 6th – 7th June 2011, Trieste, Italy.

Abstract: Abstract book

152. Müllner E., Forster E., Brath H., **Wagner K.-H.** Vegetables and Plant Oil Improve Risk Factor for Secondary Complications in Subjects with Type 2 Diabetes. Austrian Nutrition Society Annual Meeting, Nutrition in Health Promotion and Disease Prevention, October, 19th – 21st, 2011, Vienna, Austria

Abstract: Nutrition

153. Müllner E., Pleifer S., Schiermayr C., Forster E., Brath H., **Wagner K.-H.** Vegetables and Plant Oil can protect against DNA damage in Type 2 Diabetes. 9th International Comet Assay Workshop, September, 13th – 16th, 2011, Izmir, Turkey

Abstract: Proceedings

154. Müllner E., Adrigan S., Bulla M., Pleifer S., Schiermayr C., Stieglmayer R., Brath H., **Wagner K.-H.** The Impact of a Dietary Intervention on Chromosomal and DNA Damage in Subjects with Type 2 Diabetes. Scientific Symposium Austrian Society of Toxicology (ASTOX) and Emerging Field “Oxidative Stress and DNA Stability” (ANTIOX), November, 24th – 25th, 2011, Vienna, Austria

Abstract: Proceedings

155. Mölzer C, Bulmer AC **Wagner K.-H.** (2011) Bacterial bile pigment uptake is concentration dependent Scientific Symposium Austrian Society of Toxicology (ASTOX) and Emerging Field “Oxidative Stress and DNA Stability” (ANTIOX), November, 24th – 25th, 2011, Vienna, Austria

Abstract: Proceedings

156. Mölzer C, Bulmer AC **Wagner K.-H.** (2011) Porphyrin induces cancer cell damage in the SCGE assay. Scientific Symposium Austrian Society of Toxicology (ASTOX) and Emerging Field “Oxidative Stress and DNA Stability” (ANTIOX), November, 24th – 25th, 2011, Vienna, Austria

Abstract: Proceedings

157. Mölzer C, Bulmer AC **Wagner K.-H.** (2011) Anti-genotoxic properties of urobilin, stercobilin and protoporphyrin in vitro Scientific Symposium Austrian Society of Toxicology (ASTOX) and Emerging Field “Oxidative Stress and DNA Stability” (ANTIOX), November, 24th – 25th, 2011, Vienna, Austria

Abstract: Proceedings

158. Toferer D., Müllner E., Brath H., Forster E., **Wagner K.-H.** Impact of vegetables and plant oil on the status of vitamin B12, folic acid and homocysteine in type 2 diabetics. ISFE Symposium 2011 – Diet Quality, December, 1st – 2nd, 2011, Vienna, Austria

Abstract: Nutrition

159. Müllner E., Millner Y., Brath H., **Wagner K.-H.** Vegetables and plant oil improve vitamin status in subjects with Type 2 Diabetes. ISFE Symposium 2011 – Diet Quality, December, 1st – 2nd, 2011, Vienna, Austria

Abstract: Nutrition

160. Mölzer C, Bulmer AC **Wagner K.-H.** (2011) The physiological potential of bilirubin: a possible antigenotoxic effects ISFE Symposium 2011 – Diet Quality, December, 1st – 2nd, 2011, Vienna, Austria

Abstract: Nutrition

161. Bisht K, Wegiel B, **Wagner K.-H.**, Otterbein L, Bulmer A.C. Biliverdin protects RAW264.7 cells against LPS-induced inflammation: a role for BVR induced PI3K signaling? TLROZ, 2nd May-4th May 2012, Melbourne, Australia.

Abstract: Abstract book

162. Bisht K, Wegiel B, **Wagner K-H**, Otterbein L, Bulmer A.C. Biliverdin protects RAW264.7 cells against LPS-induced inflammation: a role for BVR induced PI3K signaling? 7th International Congress on Heme Oxygenases and Related Enzymes, 28th May-1st June 2012, Edinburgh, Scotland

Abstract: Abstract book

163. Bisht K, Wegiel B, Tampe J, **Wagner K-H**, Otterbein L, Bulmer A.C. Biliverdin attenuates LPS-induced pro-inflammatory cytokine expression in whole human blood Gold Coast Health and Medical Research Conference. 29 – 30 November 2012 Gold Coast, Australia

Abstract: Abstract book

164. Bisht K, Wegiel B, Tampe J, **Wagner K-H**, Otterbein L, Bulmer A.C. Biliverdin attenuates LPS-induced pro-inflammatory cytokine expression in whole human blood. Experimental Biology, 20th April-24th April 2013, Boston, USA

Abstract: Abstract book

165. Mölzer C, Bulmer AC **Wagner K-H**. In vitro anti-carcinogenic effects of bile pigments and derivatives – evidence from a cell culture study Trieste Yellow Retreat (TYR), International Centre for Genetic Engineering and Biotechnology, 21 – 22 June 2012, Trieste, Italy

Abstract: Proceedings

166. Mölzer C, Bulmer AC **Wagner K-H**. The role of bilirubin in human health: implication for oxidative stress-related diseases Lifestyle, Oxidative Stress and diabetes mellitus. 8th – 9th November 2012. Modra, Slovakia

Abstract: Abstract book

167. Müllner E., Brath H., Wallner M., **Wagner K-H**. Vegetables and plant oil and their potential protective effect against DNA damage in individuals with type 2 diabetes. Lifestyle, oxidative stress and diabetes mellitus, November, 8th - 9th, 2012, Modra, Slovakia

Abstract: Abstract book

168. Müllner E., Moazzami AA., Müllner E., Brath H., **Wagner K-H**. Metabolomics Study of the Effect of Omega-3 and Vegetables on Patients with Type 2 Diabetes Reveals the Metabolic Alteration in Plasma- Phospholipids and Ceramides. 103rd AOCS Annual Meeting, April 29th – May 2nd, 2012, Long Beach, California, USA

Abstract: INFORM

169. Müllner E., Pleifer S., Schiermayr C., Brath H., **Wagner K-H**. The Effect of Vegetables and Plant Oil on DNA Damage in Subjects with Type 2 Diabetes. 103rd AOCS Annual Meeting, April 29th – May 2nd, 2012, Long Beach, California, USA

Abstract: INFORM

170. **Wagner K-H**, Fette in Ernährung –Wohin tendiert die Ernährungswissenschaft. Annual Meeting ICC Austria, 26 November 2013, Vienna, Austria (invited)

Abstract: Abstract book

171. **Wagner K-H**, Pro und Kontra einer erhöhten Eiweißzufuhr. UGB-Tagung, 19 April 2013, Innsbruck, Austria (invited)

Abstract: Abstract book

172. **Wagner K-H**, Wallner M, Bulmer A, Improved Lipid Profile in Hyperbilirubinemic Subjects contributes to Cardiovascular Protection. 104th AOCS Meeting, 29th April-1st May 2013, Montreal, Canada

Abstract: Abstract book

173. Müllner E, Wallner M, Brath H, **Wagner K-H**, DNA damage and genomic stability in diabetic and non-diabetic individuals and the impact of a dietary intervention. 20th International Congress of Nutrition, 15th – 20th September 2013, Granada, Spain

Abstract: Abstract book

174. **Wagner K-H**, Wallner M, Mölzer C, Bulmer A, The physiological potential of bilirubin: A possible antigenotoxic effect? 10th COMET Assay Workshop, 18th – 20th September 2013, Porto, Portugal

Abstract: Abstract book

175. Müllner E, Wallner M, Brath H, **Wagner K-H**, DNA damage and genomic stability in diabetic and non-diabetic individuals and the impact of a dietary intervention. 11th ICEM Meeting, International Congress of Nutrition, 31st Oct.– 3rd November 2013, Foz do Iguassu, PR, Brazil

Abstract: Abstract book

176. **Wagner K-H**, Ernährungsrelevante Aspekte für den Muskelaufbau bei geriatrischen Patienten. 2. Wiener Muskeltag. 8 Nov. 2013, Vienna, Austria

Abstract: Abstract book

177. **Wagner K-H**, Kanzler S, Hartmann C, Salz in Convenienceprodukten: Ergebnisse aus Europa und Österreich. Jahrestagung der Österreichischen Gesellschaft für Ernährung. 21. – 22. November 2013, Vienna, Austria

Abstract: Abstract book

178. **Wagner K-H**, Lifestyle – Sport/Ernährung und Krebs. DONKO Patiententag, Hofburg, 30. Nov. 2013, Vienna, Austria

Abstract: Abstract book

2014 so far more than 6 presentations

Presentations without abstract in a scientific journal/abstract book:

1. Elmadfa I., **Wagner K-H**. (2000): Einfluß von Ernährung und Training auf den Ernährungsstatus und Leistungsparameter alter Menschen der 8. und 9. Lebensdekade. Bertelsmann-Stiftung, 10. – 11. 04. 2000, Güthtersloh (Germany)

2. **Wager K-H**. (2001) Fettsäuren in der menschlichen Ernährung. Invited lecture at the Institut für Wildtierkunde und Ökologie, der Veterinärmedizinischen Universität

3. **Wagner K-H**. (2001): Einfluss von Ernährung und Training auf den Ernährungsstatus und Leistungsparameter von Senioren. Symposium Ernährung und Bewegung im dritten Lebensabschnitt. 3.12. 2001, Wien

4. **Wagner K-H**. (2002): Antioxidative Wirkung von natürlichen Substanzen: Tocopherole, Tocotrienole, Melanoidine. Ernährungswiss. Kolloquium, Wien, Jänner 2002

5. **Wagner K-H**. (2002): Grundlagen einer gesunden Ernährung PI Wien, März 2002

6. **Wagner K-H.** (2002): Antioxidative Wirkung von natürlichen Substanzen unter der Berücksichtigung der "Testsysteme" Lebensmittel versus Mensch – Vormittag im PI St. Pölten, September 2002
 7. **Wagner K-H.** (2002): Fettsäuren zwischen gut und böse: CLA und Trans-Fettsäuren. VEÖ-Weiterbildungsveranstaltung: Fettempfehlungen zwischen Theorie und Praxis, 29. November 2002
 8. **Wagner K-H.** (2003): Sport und Ernährung. Fitness Convention im Rahmen des „Tag des Sports“, 27. September 2003
 9. **Wagner K-H.** (2004): Antioxidative properties and safety assessment of melanoidins. Invited lecture in the EU Institute of Reference Materials and Methods. 30 01 2004, Geel, Belgium
 10. **Wagner K-H.** (2004): Health implications of thermally treated foods: Absorption and physiological effects. COST 919/COST 927 Melanoidins in Food and Health, 28 02 2004, Vienna, Austria
 11. **Wagner K-H.** (2004): Absorption and physiological effects of thermally treated foods. Constituent meeting of COST 927 Health implications of thermally treated foods, 30 04 2004, Brussels, Belgium
 12. **Wagner K-H.** (2005): Antioxidative Wirkung von Tocopherolen in in vivo und in vitro Modellen. Ernährungswiss. Kolloquium, Wien, Jänner 2005
 13. **Wagner K-H.** (2005): Vitamin E – Stand der Wissenschaft. Technische Universität Graz, 02 11 2005, Graz, Austria
 14. **Wagner K-H.** (2005): Röstprodukte in Lebensmitteln: Sicherheitsrisiko oder Gesundheitspräventiver Nutzen. Ernährungswiss. Kolloquium, Wien, April 2006
 15. **Wagner K-H.:** Ernährungsphysiologische Bedeutung von Wildbret. WILD – Wertvolles Lebensmittel vs. Hygienerisiko. Fortbildungsveranstaltung AGES. 27.04 2006, Vienna, Austria (invited)
- Abstract: Meeting Book**
16. **Wagner K-H.:** Trans-Fettsäuren in Österreichischen Lebensmitteln. Fortbildungsveranstaltung DBV 18.06 2007, Rauris, Austria (invited)
 17. **Wagner K-H.:** How can oxidative stress and DNA stability be influenced by diet and physical activity? Ernährungswissenschaftliches Kolloquium WS09/10, Fakultätsschwerpunkt Biofunktionalität von Lebensmitteln; 07. 01. 2010, Vienna, Austria (invited)
 18. **Wagner K-H.:** Knackiges Gemüse gegen Diabetes. Diabetes-Infotag: Neues aus der Diabetologie. WGKK, 26.03.2010
 19. **Wagner K-H.:** Diabetes und Ernährungsumstellung. Österreichische Diabetikervereinigung. 22.03. 2010, Vienna, Austria
 20. **Wagner K-H.:** Oxidative Stress and DNA Stability. Job-Interview. Kings College, London. 29.04. 2010, Vienna, Austria
 21. **Wagner K-H.:** State of the Heart. Neues aus der Fettwissenschaft. Präsentation des 1. Österreichischen Positionspapiers zur präventiv wirksamen Fettsäureaufnahme. 20.07. 2010, Vienna, Austria
 22. **Wagner K-H.:** Potential of foods (and lifestyle activities) to modulate oxidative stress and DNA stability. University Stuttgart. 21.10. 2010, Stuttgart, Germany

2008 - present

Many presentation and interviews at local meetings, radio-broadcast, TV, newspaper, magazines, internet, and more