

List of publications Adrian A. Franke (September 2009)

1. **Franke, A.A.**; Nachweis von Iridoidglykosiden in Pflanzenmaterial durch GC/MS-Analyse ihrer Methylderivate, Ph.D. Thesis, University of Freiburg, Germany (1985).
2. **Franke, A.A.** and Rimpler, H.; GC/MS-Analyse methylierter Iridoidglykoside. *Planta Medica* 52, 89-95 (1986).
3. **Franke, A.A.**, Rimpler, H. and Schneider, D.; Iridoid glycosides in the butterfly Euphydryas Cynthia (Lepidoptera, Nymphalidae). *Phytochemistry* 26, 103-106 (1987).
4. **Franke, A.** and Rimpler, H.; Vebraside, an iridoid glucoside from *Verbena brasiliensis*. *Phytochemistry* 26, 3015-3020 (1987).
5. **Franke, A.A.** and Markham, K.R.; Quercetin-3-O-alpha-[2-p-hydroxybenzoyl-4-p-coumaroylrhamnopyranoside] a lipophilic flavonol from *Librocedrus Bidwillii*. *Phytochemistry* 28 (12), 3566-3568 (1989).
6. Markham, K.R., **Franke, A.A.**, Molloy, B.P.J. and Webby, R.; Flavonoid profiles of New Zealand libocedrus and related species. *Phytochemistry* 29 (2), 501-507 (1990).
7. Markham, K.R., **Franke, A.A.**, Given, D.R., and Brownsey, P.; Historical Antarctic ozone levels from herbarium specimen flavonoids. *Bulletin of the Liaison du Groupe Polyphenols, Strasbourg* (1990).
8. **Franke, A.A.**, Custer, L.J. and Cooney, R.V.; Synthetic carotenoids as internal standards for plasma micronutrient analysis by high-performance liquid chromatography. *J. Chromatogr. B* 614, 43-57 (1993).
9. Cooney, R.V., **Franke, A.A.**, Harwood, P.J., Hatch-Pigott, V., Custer, L.J. and Mordan, L.J.; Gamma-tocopherol detoxification of nitrogen dioxide: Superiority to alpha-tocopherol. *Proc. Nat. Acad. Sci (USA)* 90, 1771-1775 (1993).
10. Pung, A., **Franke, A.A.**, Zhang, L.-X., Ippendorf, H., Martin, H.-D., Sies, H., and Bertram, J.S.; A Synthetic C-22 carotenoid inhibits carcinogen induced neoplastic transformation and enhances gap junctional communication. *Carcinogenesis* 14, 1001-1005 (1993).
11. **Franke, A.A.**, Harwood, P.J., Shimamoto, T., Lumeng, S., Zhang, L.-X., Bertram, J.S., Wilkens, L.R., LeMarchand, L. and Cooney, R.V.; Effects of micronutrients and antioxidants on lipid peroxidation in human plasma and in cell culture. *Cancer Letters* 79, 17-26 (1994).
12. LeMarchand, L., Hankin, J.H., Carter, F.S., Essling, C., Luffey, D., **Franke, A.A.**, Wilkens, L.R., Cooney, R.V. and Kolonel, L.N.; Plasma carotenoids and ascorbic acid as markers of compliance to a high fruit and vegetable dietary intervention. *Cancer Epidemiol. Biomark. Prev.* 3 (3), 245-252 (1994).
13. Cooney, R.V., Harwood, P., Custer, L.J. and **Franke, A.A.**; Light-mediated conversion of nitrogen dioxide to nitric oxide by carotenoids. *Environm. Health Perspec.* 102 (5), 460-462 (1994).
14. **Franke, A.A.**, Custer, L.J., Cerna, C.M. and Narala, K.K.; Quantitation of phytoestrogens in legumes by HPLC. *J. Agric. Food Chem.* 42, 1905-1913 (1994).
15. **Franke, A.A.** and Custer, L.J.; HPLC Assay of isoflavonoids and coumestrol from human urine. *J. Chromatogr. B* 662, 47-60 (1994).

16. Küçük, Ö. Churley, M., Goodman M.T., **Franke, A.A.**, Custer, L.J., Wilkens, L.R. and Pyrek, J.S.; Increased plasma level of cholesterol-5b, 6b-epoxide in endometrial cancer patients. *Cancer Epidemiol. Biomark. Prev.* 3, 571-574 (1994).
17. **Franke, A.A.**, Custer, L.J., Cerna, C.M. and Narala, K.K.; Rapid HPLC analysis of dietary phytoestrogens from legumes and from human urine. *Proc. Soc. Exp. Biol. Med.* 208, 18-26 (1995).
18. Cooney, R.V., **Franke, A.A.**, Hankin, J.H., Custer, L.J., Wilkens, L.R., Harwood, P.J. and LeMarchand, L.; Seasonal effects on intra-individual variations in plasma micronutrients and antioxidants. *Cancer Epidemiol. Biomark. Prev.* 4, 207-215 (1995).
19. Küçük, Ö. Pung, A., **Franke, A.A.**, Custer, L.J., Wilkens, L.R., LeMarchand, L., Higuchi, C., Cooney R.V. and Hsu, T.C.; Correlations between mutagen sensitivity and plasma nutrient levels of healthy individuals. *Cancer Epidemiol. Biomark. Prev.* 4, 217-221 (1995).
20. Cooney, R.V., Harwood, P.J., **Franke, A.A.**, Narala, K., Sundström, A.-K., Berggren, P.-O. and Mordan, L.J.; Products of gamma-Tocopherol Reaction with Nitrogen Dioxide and their Formation in Rat Insulinoma (RINm5F) Cells. *Free Rad. Biol. Med.* 19, 259-269 (1995).
21. Wang, W., Küçük, Ö., **Franke, A.A.**, Custer, L.J., Higuchi, C.; Longitudinal reproducibility of erythrocyte polyamine measurements during β -carotene and α -tocopherol supplementation in healthy individuals. *J. Cell. Biochem.* 62, 19-26 (1996).
22. **Franke, A.A.** and Custer, L.J.; Daidzein and genistein levels in human milk after soy consumption. *Clin. Chem.* 42, 955-664 (1996).
23. LeMarchand, L., Sivaraman, L., **Franke, A.A.**, Custer, L., Wilkens, L.R., Lau, A.F. and Cooney, R.V.; Predictors of N-Acetyltransferase activity: Should caffeine phenotyping and NAT2 genotyping be used interchangeably in epidemiologic studies? *Cancer Epidemiol. Biomark. Prev.* 5, 449-455 (1996).
24. Simon, C., Nigro, L., Sullivan, J., Holsinger, K., Martin, A., **Franke, A.A.**, McIntosh, C.; Large differences in substitutional pattern and rate of 12S ribosomal RNA Genes. *Mol. Biol. Evol.* 13, 923-932 (1996).
25. LeMarchand, L., **Franke, A.A.**, Custer, L., Wilkens, L.R., and Cooney, R.V.; Lifestyle and nutritional correlates of cytochrome CYP1A2 activity: inverse association with plasma lutein and alpha-tocopherol. *Pharmacogenetics* 7, 11-19 (1997).
26. **Franke, A. A.**, Custer, L. J., Wang, W., Shi, C.-Y.; HPLC analysis of isoflavonoids and other phenolic agents from foods and from human fluids; *Proc. Soc. Exp. Biol. Med.* 217 (3), 263-273 (1998).
27. Goodman, M.T., Hernandez, B., Wilkens, L., Le Marchand, L., Liu, L.Q., Küçük, Ö., **Franke, A.A.**, Hsu, T.C.; The effects of β -carotene and α -tocopherol on bleomycin-induced chromosome damage; *Cancer Epidemiol. Biomark. Prev.* 7, 113-117 (1998).
28. **Franke, A. A.**, Custer, L.J., Tanaka, Y.; Isoflavones in human breast milk and other biological fluids; *Am. J. Clin. Nutr.* 68, 1466S-1473S (1998).
29. Seow, A., Shi, C.-Y., **Franke, A. A.**, Hankin, J.N., Lee, H.-P. and Yu, M.; Isoflavonoid levels in spot urine predict frequency of dietary soy intake in a population-based sample of middle-aged and older Chinese in Singapore; *Cancer Epidemiol. Biomark. Prev.* 7, 135-140 (1998).

30. Goodman, M.T., Kiviat, N., McDuffie, K., Hankin, J. N., Hernandez, B., **Franke, A.A.**, Kuypers, J., Kolonel, L., Selhub, J., Nakamura, J., Ing, G., Branch, B., Bertram, K.K., Kamemoto, L., Sharma, S., Killeen, J.; The association of plasma micronutrients with the risk of cervical dysplasia in Hawaii; *Cancer Epidemiol. Biomark. Prev.* 7, 537-544 (1998).
31. Maskarinec, G., Singh, S., Meng, L., **Franke, A.A.**; Dietary soy intake and urinary isoflavone excretion from a multi-ethnic population; *Cancer Epidemiol. Biomark. Prev.* 7, 613-619 (1998).
32. Fanti, P., Sawaya, P.B., Custer, L.J., **Franke, A.A.**; Serum levels and metabolic clearance of the isoflavones genistein and daidzein in hemodialysis patients; *J. Am. Soc. Nephrol.* 10, 864-871 (1999).
33. Zheng, W., Dai, Q., Custer, L.J., Shu, X.-O., Wen, W.-Q., Jin, F., **Franke, A.A.** ; Urinary excretion of isoflavones and the risk of breast cancer; *Cancer Epidemiol. Biomark. Prev.* 8, 35-40 (1999).
34. **Franke, A.A.**, Hankin, J. N., Yu, M.C., Maskarinec, G., Singh, S., Low, S.-H., Custer, L.J.; Isoflavone levels in soy foods consumed by multiethnic populations in Singapore and Hawaii; *J. Agric. Food Chem.* 47, 977-986 (1999).
35. Chen, Z., Zheng, W., Custer, L.J., Dai, Q., Shu, X.-O., Jin, F., **Franke, A.A.**; Usual dietary consumption of soy foods and its correlation with the excretion rate of isoflavonoids in overnight urine samples among Chinese women in Shanghai; *Nutr. Cancer* 33, 82-89 (1999).
36. **Franke, A.A.**, Yu, M.C., Maskarinec, G., Fanti, P., Zheng, W., Custer, L.J.; Phytoestrogens in human biomatrices including breast milk; *Biochem. Soc. Trans.* 27, 308-318 (1999).
37. **Franke, A.A.**, Custer, L.J.; Application of HPLC coupled with ultraviolet-photodiode array detection for the analysis of phytoestrogens in biological samples; *J. Medic. Food* 2, 103-107 (1999).
38. Maskarinec, G., Chan, C. L. Y., Meng, L., **Franke, A. A.**, Cooney, R. V.; Feasibility and effects of a high fruit and vegetable diet in women. *Cancer Epidemiol. Biomark. Prev.* 8, 919-924 (1999).
39. Goodman, M.T., McDuffie, K., Hernandez, B., Hankin, J. N., Wilkens, L.R., **Franke, A.A.**, Kolonel, L., Kuypers, J., Kiviat, N., Bertram, K.K., Kessel, B., Sunoo, C., Nakamura, J., Killeen, J.; The association of plasma micronutrients with the risk of cervical atypical squamous cells of undetermined significance (ASCUS); *Asian Pacific J. Cancer Prev.* 1, 339-347 (2000).
40. Saarinen, N., Wärrä, A., Mäkelä, S., Eckerman, C., Reunanen, M., Ahotupa, M., Salmi, S., **Franke, A.A.**, Kangas, L., Joshi, S.C., Santti, R.; Hydroxymatairesinol, a novel enterolactone precursor with antitumor properties from the coniferous tree *Picea Abies*; *Nutr. Cancer* 36 (2), 207-216 (2000).
41. Theriault, A., Wang, Q., Van Iderstine, S.C, Chen, B., **Franke, A.A.**, Adeli, K.; Modulation of hepatic lipoprotein synthesis and secretion by taxifolin, a plant flavonoid. *J. Lipid Res.* 41, 1969-1979 (2000).
42. Hieber, A.D., King, T.J., Morieka, S, Fukushima, L.H., **Franke, A.A.**, Bertram, J.S.; Comparative effects of all-trans beta-carotene versus 9-cis beta-carotene on carcinogen induced neoplastic transformation and connexin 43 expression in murine 10T 1/2 cells and on the differentiation of human keratinocytes. *Nutr. Cancer* 37, 116-126 (2000).
43. Cooney, R.V., Custer, L.J., Okinaka, L., **Franke, A.A.**; Effects of dietary sesame seeds on plasma tocopherol levels. *Nutr. Cancer* 39 (1), 66-71 (2001).

44. Cooney, R.V., Maskarinec, G., **Franke, A.A.**, Okinaka, L., Karkoszka, J., Tanaka, Y., Wilkens, L.R., Frenkel, K.; Associations of tocopherols with circulating autoantibody levels against an oxidized DNA base in humans. *Free Radical Biology and Medicine* 31, 460-468 (2001).
45. Le Marchand, L., Hankin, J., Wilkens, L. R., Pierce, L. M., **Franke, A.A.**, Kolonel, L.N., Seifried, A., Custer, L.J., Chang, W., Lum-Jones, A., Donlon, T.; Combined effect of well-done red meat and rapid metabolic phenotypes for *N*-Acetyltransferase and CYP 1A2 in increasing colorectal cancer risk. *Cancer Epidemiol. Biomark. Prev.* 10, 1259-1266 (2001).
46. Maskarinec, G., Williams, A E., Inoye, J.S., Stanczyk, F.Z., **Franke, A.A.**; A randomized isoflavone intervention among premenopausal women. *Cancer Epidemiol. Biomark. Prev.* 11, 195-201 (2002).
PMID: 12484210 No PMCID
47. Maskarinec G, Franke AA, Williams AE, Stanczyk FZ. The effects of an isoflavone intervention on the urinary excretion of hormone metabolites in premenopausal women. Nutrition and lifestyle: Opportunities for cancer prevention. IARC Scientific Publications No. 156. 375-377. 2002
PMID: 12484210 No PMCID
48. Dai, Q., **Franke, A.A.**, Jin, F., Shu, X.-O., Hebert, J.R., Custer, L.J., Cheng, J., Gao, Y.-T., Zheng, W.; Urinary excretion of phytoestrogens and risk of breast cancer among Chinese women in Shanghai. *Cancer Epidemiol. Biomark. Prev.* 11, 815-23 (2002).
PMID: 12223424 No PMCID
49. Yee, W., Wang, Q., Agdinaoy, T., Dang K., Chang, H., Grandinetti, A., **Franke, A.A.**, Theriault, A.; Green tea catechins decrease apolipoprotein B-100 secretion from HepG2 cells. *Molecular and Cellular Biochemistry* 229, 85-92 (2002).
50. **Franke, A.A.**, Custer, L. J., Cooney, R. V, Tanaka, Y., Xu, M., Dashwood, R.D.; Inhibition of colonic aberrant crypt formation by the dietary flavonoids (+)-catechin and hesperidin. *Adv. Exp. Med. Biol.* 505, 123-133 (2002).
51. **Franke, A.A.**, Custer, L.J., Wilkens L.R., Le Marchand, L., Nomura, A.Y., Goodman, M.T., Kolonel, L.N.; LC/PDA/MS analysis of dietary phytoestrogens from human urine and blood. *J. Chromatogr. B* 777, 45-59 (2002).
PMID: 12270199 No PMCID
52. **Franke, A.A.**, Murphy, S.P., Le Marchand, L., Zheng, W., Custer, L.J.; Liquid chromatographic analysis of dietary phytoestrogens including isoflavonoids, flavonoids and lignans in foods and human body fluids. *J.Nutr.* 132 (3), 592S (2002).
53. Williams, A.E., Maskarinec, G., **Franke, A.A.**, Stanczyk, F.,Z.; The temporal reliability of serum estrogens, gonadotropin hormones, SHBG, and urinary estrogen and progesterone metabolites in premenopausal women. *BMC Women's Health* 2002, 2:13.
<http://www.biomedcentral.com/bmcwomenshealth/>.
54. Zhou, J.-R., Yu, L., Zhong, Y., Nassr, R.L., **Franke, A.A.**, Gaston, S., Blackburn, G.L.; Inhibition of orthotopic growth and metastasis of androgen-sensitive prostate tumors in mice by bioactive soybean components. *The Prostate* 53(2), 143-53 (2002).

55. Dai, Q, **Franke, A.A.**, Yu, H., Shu X.O, Jin' F., James, Hebert, R., Custer, L.J., Gao, Y.-T., Zheng, W.; Associations of urinary phytoestrogen excretion with breast cancer risk may be modified by blood steroid hormone levels and anthropometric measurements. *Cancer Epidemiol. Biomark. Prev.* 12(6), 497-502 (2003).
PMID: 12814993 No PMCID
56. Le Marchand, L., Hankin, J. H., Pierce, L. M., Sinha, R., Nerurkar, P. V., **Franke, A. A.**, Wilkens, L. R., Kolonel, L. N., Donlon, T. Seifried, A., Custer, L. J., Lum-Jones, A., Chang, W.; Well-done red meat, metabolic phenotypes and colorectal cancer in Hawaii. *Mutation Research* 506-507, 205-214, (2002).
57. Fanti, P. Stephenson, T.J., Kaariainen, I.M. , Rezkalla, B, Tsukamoto, Y., Morishita, T., Nomura, M., Kitiyakara, C., Custer, L.J., **Franke, A.A.**; Soyfood Intake and Blood Levels of Soy Isoflavones in Japanese, Thai and North American End-Stage Renal Failure Patients on Chronic Hemodialysis Therapy. *Nephrology, Dialysis and Transplantation* 18, 1862-1868, (2003).
PMID: 12937236 No PMCID
58. Maskarinec, G., Robbins, C.L., Riola, B., Kane-Sample, L., **Franke, A.A.**, Murphy, S.P.; Three measures show high compliance in a soy intervention among premenopausal women. *JADA* 103, 861-6 (2003).
59. Nomura, A.N., Lee, J., Stemmermann, G.N., **Franke, A.A.**; Serum vitamins and subsequent risk of bladder cancer. *J. Urology* 170,1146-50 (2003).
60. Blair, R.M., Appt, S.E., **Franke, A.A.**, Clarkson, T.B.; Treatment with antibiotics reduces plasma equol concentraton in cynomolgus monkeys (*Macaca gascularis*). *J. Nutr.* 133, 2262-7 (2003).
PMID: 12840190 No PMCID
61. Williams, A E., Maskarinec, G., Hebshi, S., Oshiro, C., Murphy, S.P., **Franke, A.A.**; Validation of a soy questionnaire with repeated dietary recalls and urinary isoflavone assessments over one year. *Nutr. Cancer* 47, 118-125 (2003).
62. **Franke, A.A.**, Custer, L.J., Arakaki, C., Murphy, S.P.; Vitamin C and flavonoid levels of fruits and vegetables consumed in Hawaii. *J. Food Comp. Anal.* 17(1), 1-35 (2004).
No PMID or PMCID
63. Takata, Y., Maskarinec, G., **Franke, A.A.**, Nagata, C., Shimizu, H.; A comparison of dietary habits among women in Japan and Hawaii. *Public Health Nutrition* 7, 319-326 (2004).
64. Cline, J.M., **Franke, A.A.**, Golden, D.L., Adams, M.R.; Effects of dietary isoflavone aglycones on the reproductive tract of male and female mice. *Toxicol. Pathol.* 32, 91-99 (2004).
PMID: 14713553 No PMCID
65. Adams, M.R., Golden, D.L., **Franke, A.A.**, Potter, S.M., Smith, H.S., Anthony, M.S.; Dietary soy 7s globulin (beta-conglycinin) inhibits atherosclerosis in mice. *J. Nutr.* 134, 511-6 (2004).
66. Halm, B. M., **Franke, A.A.** Overweight and obesity, a worsening health problem particularly in children. *Hawaii Medical Journal* 63, 91-3 (2004).
67. Umphress, S.T., Murphy, S.P., **Franke, A.A.**, Custer, L.J., Blitz, C.; Isoflavone content of foods with soy additives. *J. Food Comp. Anal.* 18, 533-550 (2005).

68. Hernandez, B.Y., McDuffie, K, **Franke, A.A.**, Killeen, J., Goodman, M.T.; Plasma and dietary phytoestrogens and risk of premalignant lesions of the cervix. *Nutr. Cancer* 49 (2), 109-124 (2004).
PMID: 15489203 No PMCID
69. Maskarinec G., **Franke A.A.**, Williams A.E., Hebshi S., Oshiro C., Murphy S., Stanczyk F.S. Effects of a 2-year randomized soy intervention on sex hormone levels in premenopausal women. *Cancer Epidemiol. Biomark. Prev.* 13 (11), 1736-44 (2004).
70. **Franke, A.A.**, Custer, L., Hundahl S.A.; Determinants for urinary and plasma isoflavones in humans after soy intake. *Nutr. Cancer* 50 (2), 141-154 (2004).
PMID: 15623460 No PMCID
71. Maskarinec, G., Takata,Y., **Franke, A.A.**, Williams A.E., Murphy S.; A 2-year soy intervention in premenopausal women does not change mammographic densities. *J. Nutr.* 134, 3089-93 (2004).
72. **Franke, A.A.**, Cooney, R.V., Henning, S.M., Custer, L.J.; Bioavailability and antioxidant effects of orange juice components in humans. *J. Agr. Food Chem.* 53, 5170-8 (2005).
73. Umphress, S., Murphy, S., **Franke, A.A.**, Custer, L.J., Blitz, C.; Isoflavone content of foods with soy additives. *Journal of Food Composition and Analysis* 18: 533-550 (2005).
74. Maskarinec, G., Oshiro, C., Morimoto, Y., Hebshi, S., Novotny, R., **Franke, A.A.**; Urinary isoflavone excretion as a compliance measure in a soy intervention among young girls: a pilot study. *EJCN* 59, 369-375 (2005).
75. Maskarinec, G., Takata,Y., Murphy S., **Franke, A.A.**, Kaaks, R.; Insulin-like Growth Factor-I in a 2-year soy intervention among premenopausal women. *British Journal of Nutrition* 94, 362-36 (2005).
76. Maskarinec, G., Morimoto, Y. Novotny, R., Nordt, F.J., Stanczyk, F.Z., **Franke, A.A.**; Urinary sex steroids during a soy intervention among young girls: a pilot study. *Nutr.Ca.* 52, 22-28 (2005).
77. Adams, M.R., Golden,D.L., Williams J.K., **Franke, A.A.**, Register, T.C., Kaplan, J.R.; Soy Protein Containing Isoflavones Reduces the Size of Atherosclerotic Plaques Without Affecting Coronary Artery Reactivity in Adult Male Monkeys. *J. Nutr.*135, 2852-6 (2005).
PMID: 16317131 No PMCID

78. Vuong, L.T., **Franke, A.A.***, Custer, L.J., Murphy, S.P.; Momordica cochinchinensis SPRENG. (Gac) fruit contains high β -carotene and lycopene levels. *J. Food Comp. Anal.* 19 (6-7), 664-8 (2006).
79. **Franke, A.A.**, Morimoto, Y., Yeh, L.M., Maskarinec, G.; Urinary isoflavones as a dietary compliance measure among premenopausal women. *Asia Pac. J. Clin. Nutr.* 15(1): 88-94 (2006).
PMID: 16500883 No PMCID
80. Le Marchand, L., Saltzman, B., Hankin, J.H., Wilkens, L.R. **Franke, A.A.**, Morris S.J., Kolonel, L.N. Sun Exposure, Diet and Melanoma in Hawaii Caucasians. *AJE* 163 (6). 1-14 (2006).
81. Singh, A.V., **Franke, A.A.**, Blackburn, G.L., Zhou, J.R.; Soy phytochemicals prevent orthotopic growth and metastasis of bladder cancer by alteration of cancer cell proliferation and apoptosis and tumor angiogenesis in a mouse model. *Cancer Res.* 66(3):1851-8 (2006).
82. Wood, C.E., Register, T.C., **Franke, A.A.**, Anthony, M.S., Cline, M.J.; Dietary soy isoflavones inhibit estrogen effects in the postmenopausal breast. *Cancer Res.* 66, 1241-1249 (2006).
PMID: 16424064 No PMCID
83. Fanti, P., Asmis, R., Stephenson, T.J., Sawaya, P.B., **Franke, A.A.**; Positive effect of dietary soy in ESRD patients with systemic inflammation-correlation between blood levels of the soy isoflavones and the acute-phase reactants. *Nephrol. Dial. Transpl.* 21(8):2239-46 (2006).
PMID: 16766544 No PMCID
84. **Franke, A.A.**, Halm, B.M., Custer, L.J., Tatsumura, Y., Hebshi, S.; Isoflavones in breastfed infants after mothers consume soy. *Am. J. Clin. Nutr.* 84 (2), 406-13 (2006).
85. Stroud, F., Appt, S.E., Wilson M.E., **Franke, A.A.**, Adams, M.R., Kaplan, J.R.; Concentrations of isoflavones in macaques consuming standard laboratory monkey diet. *J. Am. Assoc. Lab. Anim. Sci.* 45(4), 20-3 (2006).
86. Maskarinec, G., Morimoto, Y., Hebshi, S.M., Sharma, S., **Franke, A.A.**, Stanczyk, F.Z.; Serum prostate specific antigen but not testosterone levels decrease in a randomized soy intervention among men. *Eur. J. Clin. Nutr.* 60, 1423-9 (2006).
PMID: 16775579
87. Wood, C.E., Appt, S., Clarkson, T.B., **Franke, A.A.**, Lees, C.J., Cline, M.J.; Effects of High-Dose Soy Isoflavones and Equol on Reproductive Tissues in Female Cynomolgus Monkeys. *Biol. Reprod.* 75(3), 477-86 (2006).
PMID: 16723506
88. Wood C.E., Clarkson T.B., Appt SE, **Franke A.A.**, Boue S.M., Burow M.E., Cline J.M.; Effects of soybean glyceollins and estradiol in postmenopausal female monkeys. *Nutr. Cancer* 56(1), 74-81 (2006).
PMID: 17176220
89. Maskarinec, G., Yamakawa, R., Hebshi, S., **Franke, A.A.**; Urinary isoflavone excretion and soy consumption in three generations of Japanese women in Hawaii. *Eur. J. Clin. Nutr.* 61(2), 255-61 (2007).
PMID: 16929241
90. Lees, C.J. Chen, H., Jerome, C.P., Register, T.C., **Franke, A.A.**, Kaplan, J.R.; Bone mass and soy isoflavones in socially housed, premenopausal macaques. *Am. J. Clin. Nutr.* 86(1):245-50 (2007).
PMID: 17616787

91. Perry, D.L., Spedick, J.M., McCoy, T.P., Adams, M.R., **Franke, A.A.**, Cline JM.; Dietary soy protein-containing isoflavones do not adversely affect the male cynomolgus macaque (*Macaca fascicularis*) reproductive tract. *J. Nutr.* 137(6): 1390-1394 (2007).
PMID: 17513396
92. **Franke, A.A.**, Murphy S.P., Lacey, R., Custer, L.J.; Tocopherol and tocotrienol levels of foods consumed in Hawai'i. *J. Agr. Food Chem.* 55(3), 76-78 (2007).
PMID: 17263473
93. Goodman, M.T., Shvetsov, Y.B. McDuffie, K., Wilkens, L.R., Zhu, X., **Franke, A.A.**, Bertram, C.C., Kessel, B, Bernice, M., Sunoo, S. Ning, L., Easy, D., Killeen, J. Kamemoto, L., Hernandez, B.Y.; Hawaii Cohort study of serum micronutrient concentrations and clearance of incident oncogenic human papillomavirus infection of the cervix. *Cancer Res.* 67(12), 5987-96 (2007).
PMID: 17553901
94. Gardner, C.D., Messina, M., Kiazand, A., Morris, J., Varady, A., **Franke, A.A.**; Effect of two types of soy milk and dairy milk on plasma lipids in hypercholesterolemic adults: a randomized trial. *J. Am. Coll. Nutr.* 26(6), 6696-77 (2007).
PMID: 18187432
95. Halm B.M., Ashburn, L.A., **Franke, A.A.***; Isoflavones from soya foods are more bioavailable in children than adults. *Brit. J. Nutr.* 98 (5), 998-1005 (2007).Waldorf
PMID: 17623490
96. Walker, S.E., Adams, M.R., **Franke, A.A.**, Register, T.C.; Effects of dietary soy protein on iliac and carotid artery atherosclerosis and gene expression in male monkeys. *Atherosclerosis* 196, 106-113 (2008).
PMID: 17367795
97. Maskarinec, G., Hebshi, S.M, Custer, L.J., **Franke, A.A.**; The relation of soy intake and isoflavone levels in nipple aspirate fluid. *EJCP* 17, 67-70 (2008).
PMID: 18090913
98. Halm B.M., **Franke, A.A.***, Ashburn, L.A., Hebshi, S.M., Wilkens L.R.; Oral antibiotics decrease urinary isoflavonoid excretion in children after soy consumption. *Nutr. Cancer* 60 (1), 14-22 (2008).
PMID: 18444131
99. Jaceldo-Siegl, K., Fraser, G., Chan, J., **Franke, A.A.**, Sabaté, J.; Validation of soy protein estimates from a self-administered food frequency questionnaire with repeated 24-hour recalls and isoflavonoid excretion in overnight urine in a Western population in the US. *AJCN* 87, 1422-7 (2008).
PMID: 18469267
100. Gardner, C.D., Chatterjee, L., Morris, J., **Franke, A.A.**; Effects of isoflavone supplements versus soy foods on blood concentrations of genistein and daidzein. *J. Nutr. Biochem* 20(3), 227-34 (2008) Jul 3. [Epub ahead of print].
PMID: 18602820
101. Issell, B.F., Gotay,C., **Franke, A.A.**, Fielding, R.; Pharmacokinetic study of noni fruit extract. *Journal of Dietary Supplements* 5, 373-382 (2008).

102. Walker, S.E., Register, T.C., Appt, S.E., Adams, M.R., Clarkson, T.B., Chen, H., Isom, S., **Franke, A.A.**, Kaplan, J.R.; Plasma lipid dependent and independent effects of dietary soy protein and social status. *Menopause* - in press (2009); Mar 27 [Epub ahead of print].

PMID: n/a

103. Maskarinec, G., Watts, K., Kagihara, J., Hebshi, S.M, **Franke, A.A.**; Urinary isoflavonoid excretion is similar after consuming soy milk and miso soup in Japanese-American women. *Brit. J. Nutr.* 100, 424-9 (2008).

PMID: 18275624

104. **Franke, A.A.**, Halm B.M., Ashburn, L.A.; Urinary isoflavones are increased in adults, but decreased in children, consuming soy when on oral antibiotic therapy. *Nutr. Cancer* 60, 627-35 (2008).

PMID: 18791926

105. **Franke, A.A.**, Halm B.M., Ashburn, L.A.; Isoflavones in children and adults consuming soy. *Arch. Biochem. Biophys* 476, 161-170 (2008); 2008 Feb 14; [Epub ahead of print].

PMID: 18312848

106. Cooney, R.V., **Franke, A.A.**, Wilkens, L.R., Gill, J., Kolonel, L. N.; Elevated plasma γ -tocopherol and decreased α -tocopherol in men are associated with inflammatory markers and decreased plasma 25-OH vitamin D. *Nutr. Cancer* 60,21-9 (2008).

PMID: 19003577

107. Dorjgochoo, T, Gao Y-T., Chow, W.H., Shu, X.-O., Li, H., Yang, G, Cai, Q., Cai, H., **Franke, A.A.**, Zheng, W., Dai, Q.; Plasma carotenoids, tocopherols, and retinol and breast cancer risk: results from the Shanghai Women Health Study (SWHS). *Breast Cancer Res. Treat.* 2008 Dec 20. [Epub ahead of print].

PMID: 19096929

108. Appt, S.E., Törmälä, R., **Franke, A.A.**, Mikkola, T.S., Tikkanen, M.J., Ylikorkala, O., Clarkson, T.B.; Soy-tibolone combination—Effect on lipids in postmenopausal monkeys and women. *Maturitas* 60, 216-22 (2008).

PMID: 18687539 PMCID: PMC263077

109. Shvetsov, Y.B., Hernandez, B.Y., Wong, S.H., Wilkens, L.R., **Franke, A.A.**, Goodman, M.T.; Intraindividual variability in serum micronutrients: effects on reliability of estimated parameters. *Epidemiology* 20(1):36-43 (2009).

PMID: 18813024

PMCID: PMC2663917

110. **Franke, A.A.**, Halm B.M, Kakazu, K., Li, X., Custer, L.J.; Phytoestrogenic isoflavonoids in epidemiologic and clinical research. *Drug Testing & Analysis* 1, 14-21 (2009).

PMID n/a

111. Li, X., **Franke, A.A.***; Fast HPLC-ECD analysis of ascorbic acid, dehydroascorbic acid and uric acid. *J.Chrom. B* 877, 853-56 (2009).

PMID: 19250886

112. Maetani, M., Maskarinec, G., **Franke, A.A.**, Cooney, R.V.; Vitamin D deficiency is associated with enhanced leptin and reduced beta-carotene levels in women. *Nutr. Cancer* 61(2), 225–231 (2009).

PMID: 19235038

113. Gill, J.K., **Franke A.A.**, Steven Morris J., Cooney, R.V., Wilkens, L.R., Le Marchand, L., Goodman, M.T., Henderson, B.E., Kolonel, L.N.; Association of selenium, tocopherols, carotenoids,

retinol, and 15-isoprostane F(2t) in serum or urine with prostate cancer risk: the multiethnic cohort. *Cancer Causes Control*. 2009 Feb 11. [Epub ahead of print]
PMID: 19212706

114. **Franke, A.A.**, Ashburn, L.A., Kakazu, K., Suzuki, S., Wilkens, L.R., Halm B.M.; Apparent bioavailability of isoflavones after intake of liquid and solid soy foods. *Brit. J. Nutr* 2009 May 19:1-8. [Epub ahead of print].

115. Maskarinec, G., Steude, J.S., **Franke, A.A.**, Cooney. R.V. Inflammatory Markers in a 2-Year Soy Intervention among Premenopausal Women. *Journal of Inflammation*, 6, 9 (2009).

116. Gardner, C.D., Oelrich, B., Liu, J., Feldman, D., Franke, A.A., Brooks, J.D.; Prostatic soy isoflavone concentrations exceed serum levels after dietary supplementation. *Prostate* 69, 719-26 (2009).

117. Teas, J., Hurley, T.G., Hebert, J.R., **Franke, A.A.**, Sepkovic, D.W., Kurzer, M.S.; Dietary seaweed modifies estrogen and phytoestrogen metabolism in healthy premenopausal women. *J. Nutr.-in press* (2009).

118. Epplein, M., **Franke, A.A.**, Cooney, R.V., Morris, J.S., Wilkens, L.R., Goodman, M.T., Murphy, S.P., Henderson, B.E., Kolonel, L.N., Le Marchand, L.; Association of plasma micronutrient levels and urinary isoprostane with risk of lung cancer: The Multiethnic Cohort Study. *Cancer Epidemiol. Biomark. Prev- in press* (2009).

119. Wagner, J.D., Jorgensen, M.J., Cline, J.M., Lees, C.J., **Franke, A.A.**, Zhang, Li, Ayers, M.R., Shultz, C., Kaplan, J.R.. Effects of Soy vs. Casein Protein on Body Weight and Glycemic Control in Female Monkeys and their Offspring. *Am. J. Primatol. -in press* 2009 May 29. [Epub ahead of print]

120. Park, S-Y., Wilkens, L.R., **Franke, A.A.**, Le Marchand, L., Goodman, M. T., Murphy, S. P., Henderson, B. E., Kolonel, L. N.; Urinary phytoestrogen excretion and prostate cancer risk in a nested case-control study: The Multiethnic Cohort Study. *Brit. J. Cancer* 101, 185-91 (2009).

121. Issell, B.F., Gotay, C.C., Pagano, I., **Franke, A.A.**; Using quality of life measures in a phase I clinical trial of noni in patients with advanced cancer to select a phase II dose. *Journal of Dietary Supplements -in press* (2009).

122. Goodman, M. T., Shvetsov, Y.B, Wilkens, L.R., **Franke, A.A.**, Le Marchand, L., Kakazu, K., Nomura, A.B.M., Henderson, B.E., Kolonel, L.N.; Urinary Phytoestrogens and Postmenopausal Breast Cancer Risk: The Multiethnic Cohort Study. *Journal of Clinical Oncology - in press* (2009).

123. Gertraud Maskarinec, Christy Woolcott, Jana S. Steude, Adrian A. Franke, Robert V. Cooney; The relation of leptin and adiponectin with breast density among premenopausal women. *Europ. J. Cancer Prev. -in press* (2009).