

- risk of coronary heart disease. *N. Engl. J. Med.* (2003)349: 523-534
- 100) Writing group for the Women's Health Initiative Effect of estrogen plus progestin on stroke in postmenopausal women. *J.A.M.A.* (2003)289: 2673-2684
- 101) Writing group for the Women's Health Initiative memory study. Estrogen plus progestin and the incidence of dementia and mild cognitive impairment in postmenopausal women. *J.A.M.A.* (2003)289: 2651-2662
- 102) Rodriguez C, Patel AV, Calle EE, Jacob EJ, Thun MJ. Estrogen replacement therapy and ovarian cancer mortality in a large prospective study of US women. *J.A.M.A.* (2002)285: 1460-1465
- 103) Lacey JV, Mink PJ, Lubin JH, Sherman ME, Troisi R, Hartge P, Schatzkin A, Schairer C. Menopausal hormone replacement therapy and risk of ovarian cancer. *J.A.M.A.* (2002)288: 334-341
- 104) 医薬品添付文書:プロセキソール錠
- 105) Food Standard Agency .Research and survey programmes annual report 2004.
- 106) Department of Health and Human Services Food and Drug Administration. Food labeling, Health claims: Soy protein and coronary heart disease, Final rule(1999)64: 57699-57731
- 107) AFSSA. Presentation du rapport sur "Securite et benefices des phyto-estrogenes apportees l'alimentation-recommandations,(2005).
- 111) Katdare M, Osborne M, Telang NT., Soy isoflavone genistein modulates cell cycle progression and induces apoptosis in HER-2/neu oncogene expressing human breast epithelial cells, *Int. J. Oncol.*(2002)21: 809-15.
- 112) Xiang H, Schevzov G, Gunning P, Williams HM, Silink M, A comparative study of growth-inhibitory effects of isoflavones and their metabolites on human breast and prostate cancer cell lines. *Nutr. Cancer.* (2002)42: 224-32.
- 113) Huang X, Chen S, Xu L, Liu Y, Deb KD, Plataniias LC, Bergan RC, Genistein inhibits p38 map kinase activation, matrix metalloproteinase type 2, and cell invasion in human prostate epithelial cells, *Cancer Res.*(2005)65:3470-3478.
- 114) Lamartiniere CA, Moore JB, Brown NM, Thompson R, Hardin MJ, Barnes S., Genistein suppresses mammary cancer in rats, *Carcinogenesis*(1995)16: 2833-40.
- 115) Fritz WA, Coward L, Wang J, Lamartiniere CA., Dietary genistein: perinatal mammary cancer prevention, bioavailability and toxicity testing in the rat, *Carcinogenesis.*(1998)19:2151-8.
- 116) Rao CV, Wang CX, Simi B, Lubet R, Kelloff G, Steele V, Reddy BS., Enhancement of experimental colon cancer by genistein, *Cancer Res.*(1997)57: 3717-22.
- 117) Seike N, Wanibuchi, H., Morimura K, Wei M, Nishikawa T, Hirata K, Yoshikawa J, Fukushima S., Enhancement of lung carcinogenesis by nonylphenol and genistein in

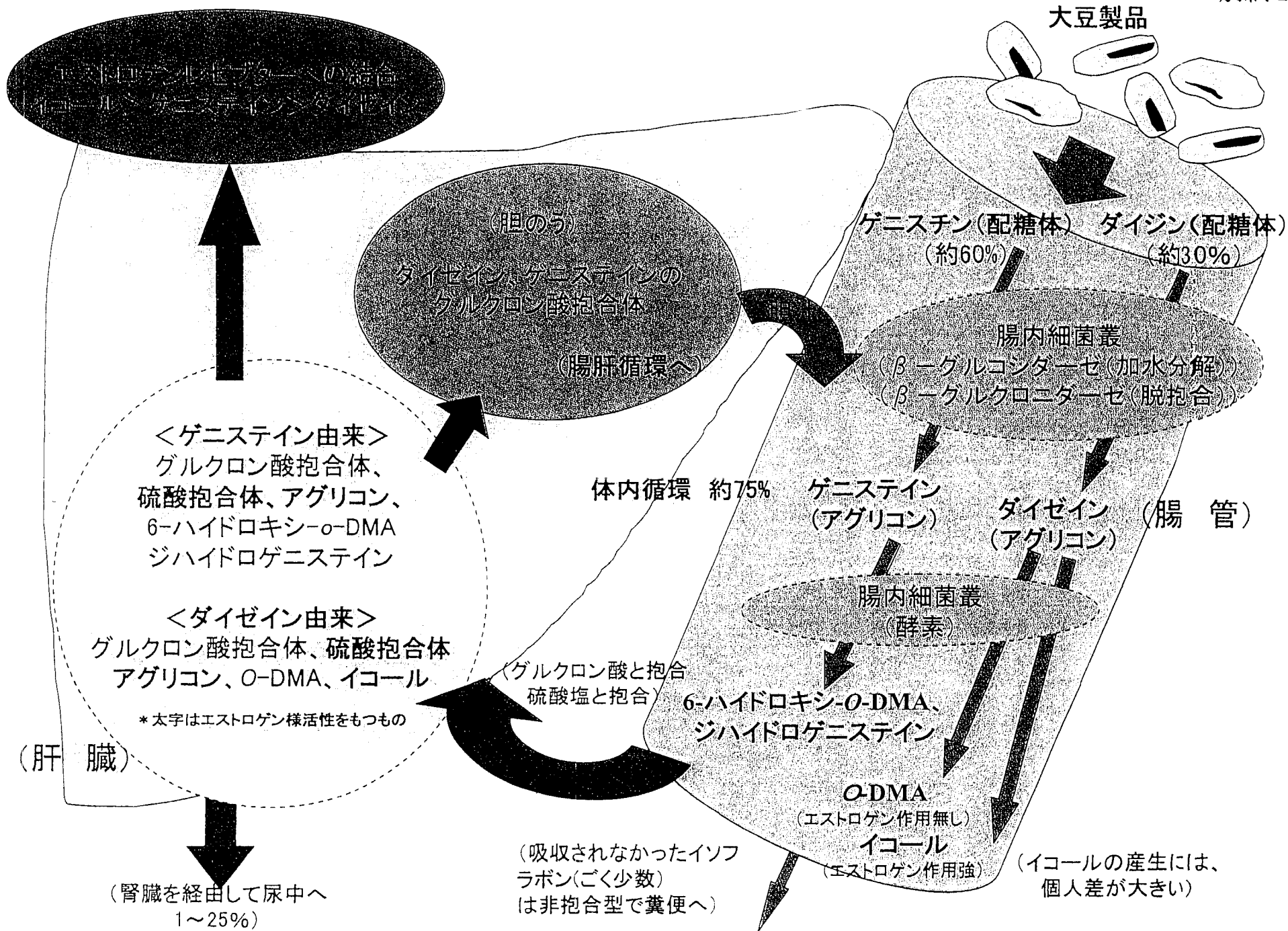
- a F344 rat multiorgan carcinogenesis model, *Cancer Lett.* (2003)192:25-36.
- 118) Strick R, Strissel PL, Borgers S, Smith SL, Rowley JD, Dietary bioflavonoids induce cleavage in the MLL gene and may contribute to infant leukemia, *PNAS*(2000)97: 4790-4795.
- 119) Chen A, Rogan WJ, Isoflavones in soy infant formula: a review of evidence for endocrine and other activity in infants, *Annu. Rev. Nutr.* (2004)24:33-54.
- 120) Evidence report / technology assessment, Effects of soy on health outcome, *AHRQ publication* (2005) No.05-E024-2.
- 121) Doerge DR, Twaddle NC, Banks EP, Jefferson WN, Newbold RR, Pharmacokinetic analysis in serum of genistein administered subcutaneously to neonatal mice, *Cancer letters* (2002)184:21-27.
- 122) Wu J, Oka J, Higuchi M, Tabata I, Toda T, Fujioka M, Fuku N, Teramoto T, Okuhira T, Ueno T, Uchiyama S, Urata K, Yamada K, Ishimi Y, Cooperative effects of isoflavones and exercise on bone and lipid metabolism in postmenopausal Japanese women: a randomized placebo-controlled trial, *Metabolism* (2006)55:423-433..
- 123) Jefferson WN, Padilla-Banks E, Newbold RR, Adverse effects on female development and reproduction in CD-1 mice following neonatal exposure to the phytoestrogen genistein at environmentally relevant doses. *Biol.reprod.* (2005)73: 798-806.
- 124) Jefferson W, Newbold R, Padilla-Banks E, Pepling M, Neonatal genistein treatment alters ovarian differentiation in the mouse: inhibition of oocyte nest breakdown and increased oocyte survival, *Biol. Reprd.* (2005).
- 125) Delclos KB, Bucci TJ, Lomax LG, Latendresse JR, Warbritton A, Weis CC, Newbold RR, Effects of dietary genistein exposure during development on male and female CD(sprague-dawley)rats, *Reprod.toxicol.*(2001)15:647-63.
- 126) Uesugi S, Watanabe S, Ishiwata N, Uehara M, Ouchi K, Effects of isoflavone supplements on bone metabolic markers and climacteric symptoms in Japanese women, *Bio Factors*(2004)22: 221-228.
- 127) 今日の診断プレミアム Vol.15、DVD-ROM版
- 128) 日本産婦人科学会、日本病理学会、日本医学放射線学会編、子宮体癌取扱い規約 第2版
- 129) Ju YH, Allred CD, Allred KF, Karko KL, Doerge DR, Helferich WG, Physiological concentrations of dietary genistein dose-dependently stimulate growth of estrogen-dependent human breast cancer(MCF-7) tumors implanted in athymic nude mice, *J. Nutr.*(2001)131: 2957-2962.
- 130) Ju YH, Doerge DR, Allred KF, Allred CD, Heferich WG, Dietary genistein negates the inhibitory effect of tamoxifen on growth of estrogen-dependent human breast cancer(MCF-7) cells implanted in athymic mice, *Cancer Research* (2002)62:

2474-2477.

- 131) Boyapati SM, Shu XO, Ruan ZX, Dai Q, Cai Q, Gao YT, Zheng W, Soyfood intake and breast cancer survival: a follow up of the Shanghai breast cancer study, *Breast cancer research and treatment* (2005)92:11-17.
- 132) American Cancer Society workshop on nutrition and physical activity for cancer survivors, Nutrition during and after cancer treatment: a guide for informed choices by cancer survivors, *CA Cancer J. Clin.*(2001)51: 153-187.
- 133) Walle T, Browning AM, Steed LL, Reed SG, Walle UK, Flavonoid glucosides are hydrolyzed and thus activated in the oral cavity in humans. *J.Nutr.*(2005) 135:48-52.
- 134) Wilkinson AP, Gee JM, Dupont MS, Needs PW, Mellon FA, Williamson G, Johnson IT, Hydrolysis by lactase phlorizin hydrolase is the first step in the uptake of daidzein glucosides by rat small intestine in vitro. *Xenobiotica*(2003) 33:255-64.
- 135) Cassidy A, Brown JE, Hawdon A, Faughnan MS, King LJ, Millward J, Zimmer-Nechemias L, Wolfe B, Setchell KD, Factors affecting the bioavailability of soy isoflavones in humans after ingestion of physiologically relevant levels from different soy foods. *J.Nutr.*(2006)136:45-51.
- 136) American Heart Association nutrition committee, Soy protein, isoflavones, and cardiovascular health. An American Heart Association science advisory for professionals from the nutrition committee. *Circulation* (2006)113:1034-44.
- 137) Murata M, Midorikawa K, Koh M, Umezawa K, Kawanishi S, Genistein and daidzein induce cell proliferation and their metabolites cause oxidative DNA damage in relation to isoflavone-induced cancer of estrogen-sensitive organs. *Biochemistry*(2004)9:2569-77.
- 138) Ju YH, Fultz J, Allred KF, Doerge DR, Helferich WG, Effects of dietary daidzein and its metabolite, equol, at physiological concentrations on the growth of estrogen-dependent human breast cancer (MCF-7) tumors implanted ovariectomized athymic mice. *Carcinogenesis*(2006)27:856-863.

# 大豆イソフラボンの体内動態フロー図

別紙 1



平成14年国民栄養調査に基づく大豆由来食品からの大豆イソフラボン摂取量分布(総数)

全対象者中の割合(%)

