Errata

Correlations of dietary patterns with prostate health

By M. Stacewicz-Sapuntzakis *et al*., vol. 52, issue 1, pp. 114–130
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Table 1 is corrected as follows. The term "Phytanic and pristanic acid" appears under "Negative effects (not recommended)", not under "Positive effects (recommended foods)" as originally printed.

Table 1. Provisional dietary recommendations for the maintenance of prostate health

Positive effects (recommended foods)	Negative effects (not recommended)
Energy restriction to maintain ideal weight	Excess energy intake resulting in obesity
Low-fat diet	High-fat diet
Marine fish oils	Animal fat, saturated fat
N-3 fatty acids	N-6 fatty acids
Fish	Phytanic and pristanic acid
Vitamin D (diet and sunlight exposure)	High meat intake (red meat)
Cereals (whole grains, rye bran)	Processed and overcooked meat
Soy products	High intake of dairy foods
Fruits and vegetables	>2 g calcium/day
Antioxidant-rich colorful fruits and vegetables (carotenoids, anthocyanins)	Added sugars
Tomatoes and tomato products	
Onions and garlic	
Cruciferous vegetables	
Hot chili peppers and turmeric	
Berries and pomegranate juice	
Wine, grape seed and hops extracts	
Brazil nuts and mushrooms	
Tea (green and black)	

Phenolic compounds: Evidence for inhibitory effects against obesity and their underlying molecular signaling mechanisms

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In the text, page 57, left column, lines 8–13 should read: "Niho *et al.* [102] reported that intake of gallic acid (119 mg/kg/day) for 13 wk is determined to be a NOAEL in male rats. Hasumura *et al.* [101] reported that intake of rutin for 13 wk is determined to be a NOAEL and the no-observed-effect levels (NOEL) in male and female Wistar rats are 539 and 3227 mg/kg/day, respectively.

In addition the reference numbers inTables 2, 3 and 4 are corrected as follows:

Table 2. Effect of phenolic compounds on 3T3-L1 pre-adipocytes

Compounds	Dose (Duration)	Results	Reference
Chlorogenic acid	0–250 μM (72 h)	Caused cell cycle arrest in the G_1 phase	[47]
o-Coumaric acid	0–250 μM (72 h)	Caused cell cycle arrest in the G_1 phase	[47]
p-Coumaric acid	0–250 μM (72 h)	Caused cell cycle arrest in the G_1 phase	[47]
EGCG	0–400 μM (48 h)	Induction of cell apoptosis	[51]
EGCG	0–100 μM (24–48 h)	Caused cell cycle arrest in the G_1 phase	[48]
Esculetin	200 μM (48 h)	Induction of cell apoptosis	[52]
Gallic acid	0–250 μM (0–72 h)	Induction of cell apoptosis	[47]
Gallic acid	0–50 μM (0–12 h)	Induces apoptosis *via* Fas- and mitochondria-mediated pathway	[54]
Quercetin	0–250 μM (0–72 h)	Induction of cell apoptosis	[53]
Naringenin	0–100 μM (0–48 h)	Inhibition of cell proliferation	[50]

Table 3. Effect of phenolic compounds on 3T3-L1 adipocytes

Compounds	Dose (Duration)	Results	Reference
(−)-catechin	50 μM (24 h)	Suppresses expression of Kruppel-like factor 7 and induce the production of adiponectin	[67]
o-Coumaric acid	250 μM (72 h)	Inhibition of intracellular triglyceride and glycerol-3-phosphate dehydrogenase	[65]
EGCG	0 – 100 μM (3 h)	Inhibition of resistin expression	[64]
EGCG	0 – 200 μM (24 h)	Induction of cell apoptosis	[55]
EGCG	0 – 200 μM (6 days)	Inhibition of adipogenesis	[55]
EGCG	0.02 mg/mL (14 days)	Inhibition of intracellular triglyceride and glycerol-3-phosphate dehydrogenase	[62]
Esculetin	0 – 800 μM (6 h)	Induction of cell apoptosis	[52]
Genistein	0 – 400 μM (12 – 48 h)	Induction of cell apoptosis	[57]
Genistein	100 μM (8 days)	Inhibition of adipocyte differentiation and induction of cell apoptosis	[56]
Genistein	100 μM (72 h)	Inhibits the expression of adipogenic transcription	[61]
Procyanidin	150 μM (0.5 – 24 h)	Inhibition of intracellular triglyceride and glycerol-3-phosphate dehydrogenase	[59]
Pycnogenol	50 μg/mL (24 h)	Inhibition of glycerol-3-phosphate dehydrogenase	[60]
Rutin	250 mM (72 h)	Inhibition of intracellular triglyceride and glycerol-3-phosphate dehydrogenase	[65]
Rutin	1 mg/mL (6 days)	Inhibition of adipocyte differentiation and glycerol-3-phosphate dehydrogenase	[63]
Tea catechin (CG, EGC and EGCG)	30 μM (0 – 10 days)	Inhibition of intracellular triglyceride and glycerol-3-phosphate dehydrogenase	[11]

Table 4. Effect of phenolic compounds on body weight in animals

Compound	Species	Fat intake [%]	Fat source	Dose (*per* kg body weight)	Duration [wk]	Body weight	Reference
Anthocyanins	Male C57BL/6 mice	24.5	Lard	1 g/kg diet	8	↓	[80]
Cyanidin 3-*O*-b-D-glucoside	Male C57BL/6J mice	30	Lard	2 g/kg diet	12	↓	[77]
EGCG	Female Wistar rat	0.5 wt% cholesterol, 2.5 wt% coconut oil, 2.5 wt% corn oil		0.7 g	4	Plasma lipids ↓	[78]
Flavonoid of Germinated buckwheat	Male C57BL/6 mice	7 wt% soybean oil, 33 wt% shortening		100 and 200 mg	8	↓	[85]
Gallic acid	Male Wistar rat	40	Beef tallow	50 and 100 mg	10	↓	[86]
Genistein	Female C57BL/6 mice	7	Corn oil	1.5 g/kg diet	3	↓	[57]
Genistein	Male C57BL/6J mice	25	Soybean oil	2 g/kg diet	12	↓	[83]
Genistein	Male C57BL/6J mice	18	Fat	2 g/kg diet	12	↓	[89]
Genistein + daidzein	Female C57BL/6J mice	15	Cocoa butter	270 + 90 mg/kg diet	6	Plasma lipids ↓	[93]
Green tea	Male New Zealand black mice	15	Fat	10 g/kg diet	4	↓	[90]
Licorice flavonoid oil	Female C57BL/6J mice	20	Soybean oil	0 – 20 g/kg diet	8	↓	[84]
Licorice flavonoid oil	Female KK-A^y/Ta mice	28	Lard + beef tallow	0 – 20 g/kg diet	4	↓	[79]
Polyphenol fractions of *Salix matsudana* leaves	Male Wistar rat	40	Beef tallow	570 mg	9	↓	[76]
Phenolic from the roots of *Salacia reticulata*	Female Zucker fatty rat Male Wistar rat	58	Lard	125 mg	27 days	↓	[75]
Resveratrol	Male C57BL/6NIA mice	60% of calories from fat		22.4 mg	110	↓	[91]
Rutin	Male C57BL/6 mice	40	Shortening + soybean oil	25 and 50 mg	4	↓	[63]
Tannic acid	Male Wistar rat	16	Lard	100 mg	10	Plasma lipids ↓	[73]
Tea catechin	Male C57BL/6 mice	30	Fat	5 g/kg diet	15	↓	[92]
Tea catechin	Male C57BL/6J mice	30	Fat	5 g/kg diet	11 months	↓	[88]
Tea catechin	Male Syrian golden hamsters	20	Lard	5.7 g/kg diet	4	Plasma lipids ↓	[74]
Naringin	Sprague-Dawley rat	15	Lard	200 mg/kg diet	6	Plasma lipids ↓	[81]
Quercetin	Male Sprague-Dawley rat	15	Lard	5 g/kg diet	4	↓	[82]

