G-BOMBS®

THE ANTI-CANCER SUPERFOODS

There's an easy way to remember the best anti-cancer, health-promoting foods on the planet: just think "G-BOMBS." It's an acronym that stands for Greens, Beans, Onions, Mushrooms, Berries and Seeds—all of which should be part of your diet almost every day. The good news is, if you follow a Nutritarian eating style, these foods already make up a significant part of your daily nutritional intake.

So what makes the G-BOMBS so important? First, each one is packed with micronutrients and phytochemicals that are extremely effective at preventing chronic diseases, especially cancer. Second, eating these foods will help you achieve sustainable weight loss. Third, they have immune-boosting properties. To sum it up: they promote superior health and enhanced longevity.







RECIPE





QUICK AND EASY KALE AND WHITE BEAN STEW

Serves 6

INGREDIENTS

2 bunches kale, tough stems removed and coarsely chopped

1/4 cup water

1 medium onion, chopped

2 cloves garlic, minced

1 tablespoon Dr. Fuhrman's MatoZest or other no-salt seasoning blend, adjusted to taste

1/4 teaspoon ground black pepper

1/4 teaspoon crushed red pepper or to taste

3 cups cooked cannellini or other white beans or 2 (15 ounce) cans low sodium or no-salt-added, drained

3 cups diced tomatoes

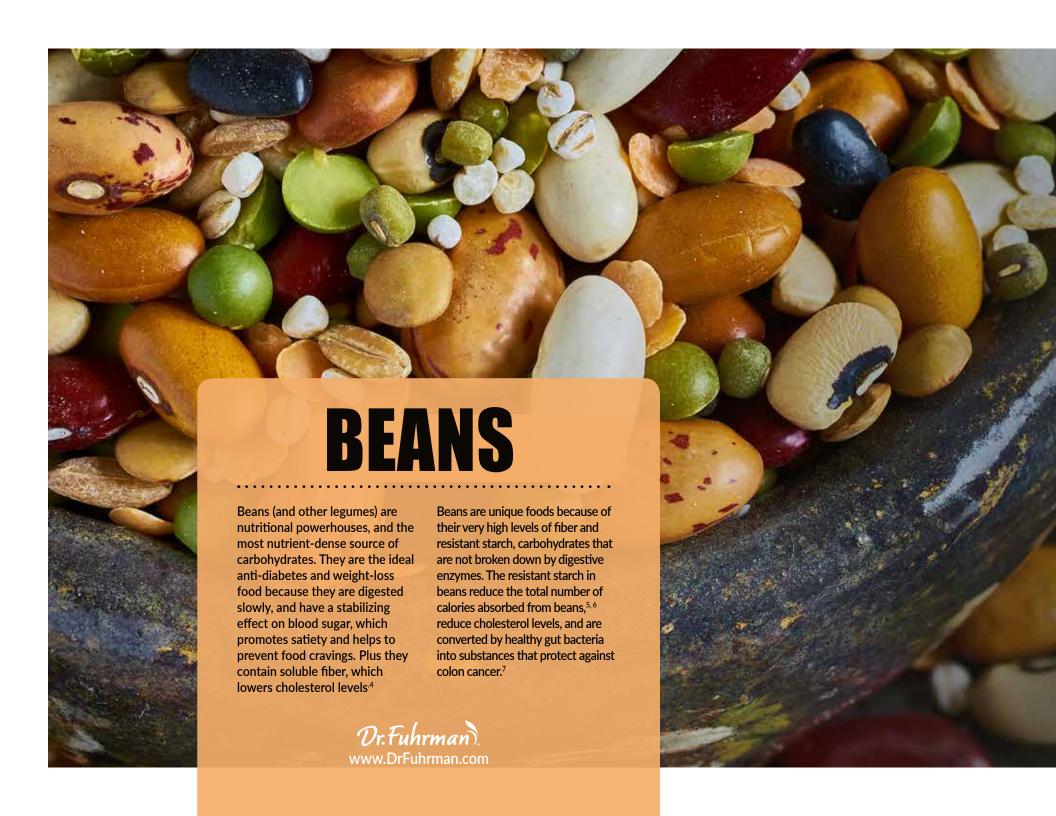
2 cups vegetable broth, low sodium or no-salt-added, or more if needed to achieve desired consistency

INSTRUCTIONS:

Add kale and water to a soup pot, cover and cook over medium heat for 10 minutes or until kale is tender, stirring occasionally.

Add onion, garlic, MatoZest, black pepper and red pepper. Continue to cook, uncovered, for 5-7 more minutes. Add beans, tomatoes and vegetable broth and bring to boil. Reduce heat and simmer, covered for 15-20 minutes, stirring occasionally.

Calories 178; Protein 12 g; Carbohydrates 34 g; Total Fat 0.9 g; Saturated Fat 0.2 g; Cholesterol 0 mg; Sodium 37 mg; Fiber 8.7 g; Beta-Carotene 4780 ug; Vitamin C 72 mg; Calcium 167 mg; Iron 4.6 mg; Folate 108 ug; Magnesium 88 mg; Zinc 1.7 mg; Selenium 1.9 ug



Bountiful Beans



Adzuki Beans



Black Beans



Cannellini Beans



Chickpea



Edamame



Green Peas



Lentils



Kidney Beans



Navy Beans



Pinto Beans



Snow Peas



White Beans

RECIPE





BAJA MANGO BLACK BEAN LETTUCE WRAPS

Serves .

INGREDIENTS

2 cups cooked black beans

1/2 large ripe avocado, peeled, pitted and mashed

4 cloves roasted garlic, mashed

1 cup sliced jicama

1/3 cup fresh tomatoes, chopped

1/2 medium green bell pepper, seeded and chopped

1 mango, diced

2 red radishes, diced

1 jalapeno pepper, diced and seeded

3 green onions, chopped

1/3 cup chopped fresh cilantro

2 tablespoons fresh lime juice

1 teaspoon ground cumin

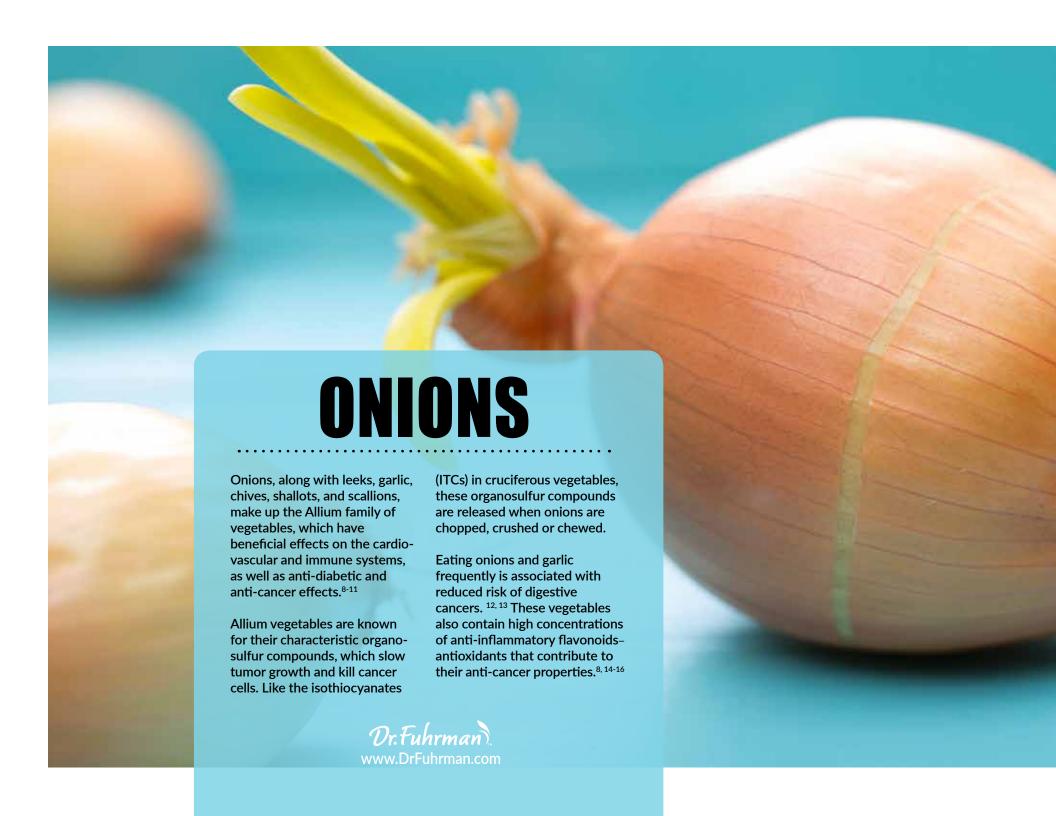
1 teaspoon chipotle chili powder

8 large romaine or Boston lettuce leaves

INSTRUCTIONS:

In a bowl, mash the beans, avocado and garlic together with a fork until well blended and only slightly chunky. Add remaining ingredients except the lettuce and mix. Place approximately 1/4 cup of the mixture in the center of each lettuce leaf and roll up like a burrito.

Calories 234; Protein 11 g; Carbohydrates 44 g; Sugars 14 g; Total Fat 3.9 g; Saturated Fat 0.6 g; Cholesterol 0 mg; Sodium 26 mg; Fiber 13.9 g; Beta-Carotene 3820 ug; Vitamin C 62 mg; Calcium 83 mg; Iron 3.6 mg; Folate 274 ug; Magnesium 96 mg; Potassium 872 mg; Zinc 1.5 mg; Selenium 2.7 ug



Outstanding Onions (and family)







Chives

Garlic

Leeks







Scallions V



Shallots

RECIPE



DR. FUHRMAN'S FAMOUS ANTI-CANCER SOUP

Serves 9

INGREDIENTS

1/2 cup dried split peas

1/2 cup dried adzuki or cannellini beans

4 cups water or no-salt added vegetable broth

6-10 medium zucchini

5 pounds large organic carrots, juiced (6 cups juice; see note)

2 bunches celery, juiced (2 cups juice; see note)

2 tablespoons Dr. Fuhrman's VegiZest (or other no-salt seasoning blend, adjusted to taste)

1 teaspoon Mrs. Dash no-salt seasoning

4 medium onions, chopped

3 leek stalks, cut lengthwise and cleaned carefully, then coarsely chopped

2 bunches kale, collard greens or other greens, tough stems and center ribs removed and leaves chopped

1 cup raw cashews

2 1/2 cups chopped fresh mushrooms (shiitake, cremini and/or white)

INSTRUCTIONS:

Place the beans and water in a very large pot over low heat. Bring to a boil, reduce heat and simmer. Add the zucchini whole to the pot. Add the carrot juice, celery juice, VegiZest and Mrs. Dash. Put the onions, leeks and kale in a blender and blend with a little bit of the soup liquid. Pour this mixture into the soup pot.

Remove the softened zucchini with tongs and blend them in the blender with the cashews until creamy. Pour this mixture back into the soup pot. Add the mushrooms and continue to simmer the beans until soft, about 2 hours total cooking time. Note: Freshly juiced organic carrots and celery will maximize the flavor of this soup.

Calories 329; Protein 15 g; Carbohydrates 55 g; Sugars 18 g; Total Fat 8.3 g; Saturated Fat 1.5 g; Cholesterol 0 mg; Sodium 192 mg; Fiber 11.3 g; Beta-Carotene 18233 ug; Vitamin C 100 mg; Calcium 197 mg; Iron 5.3 mg; Folate 226 ug; Magnesium 168 mg; Potassium 1846 mg; Zinc 3.3 mg; Selenium 11.2 ug



Magnificent Mushrooms



Chanterelle



Cremini



Maitake



Oyster



Porcini



Portobello



Reishi



Shiitake



White Button

RECIPE



SPINACH-STUFFED MUSHROOMS

Serves 3

INGREDIENTS

1 small onion, chopped

12 large mushrooms, stems removed and chopped

1 clove garlic, minced

1/2 teaspoon dried thyme

1/4 cup low-sodium or no-salt-added vegetable broth

5 ounces fresh spinach

2 tablespoons raw almond butter

1 tablespoon unfortified nutritional yeast

1/4 teaspoon black pepper, or to taste

INSTRUCTIONS:

Preheat oven to 350 degrees F. In a large pan, heat 2-3 tablespoons of water and water sauté chopped onion for 2 minutes, add mushroom stems, garlic and thyme and continue to sauté until onions and mushrooms are tender, about 3 minutes. Add mushroom caps to pan, along with vegetable broth, bring to a simmer and cook for 5 minutes.

Remove mushroom caps from pan and place on a lightly-oiled baking sheet. Add spinach to onion mixture remaining in pan and heat until wilted. Remove from heat and stir in almond butter, unfortified nutritional yeast and black pepper.

Fill mushroom caps with spinach/onion mixture and bake for 15-20 minutes or until golden brown. Note: If desired, 1/2 cup of whole grain bread crumbs may be added to stuffing mixture.

Calories 117; Protein 7 g; Carbohydrates 11 g; Sugars 3 g; Total Fat 6.3 g; Saturated Fat 0.5 g; Cholesterol 0 mg; Sodium 56 mg; Fiber 3.7 g; Beta-Carotene 2665 ug; Vitamin C 15 mg; Calcium 114 mg; Iron 2.5 mg; Folate 123 ug; Magnesium 81 mg; Potassium 744 mg; Zinc 2.1 mg; Selenium 21.8 ug





RECIPE





BERRY BLEND SHERBET

Serves 3

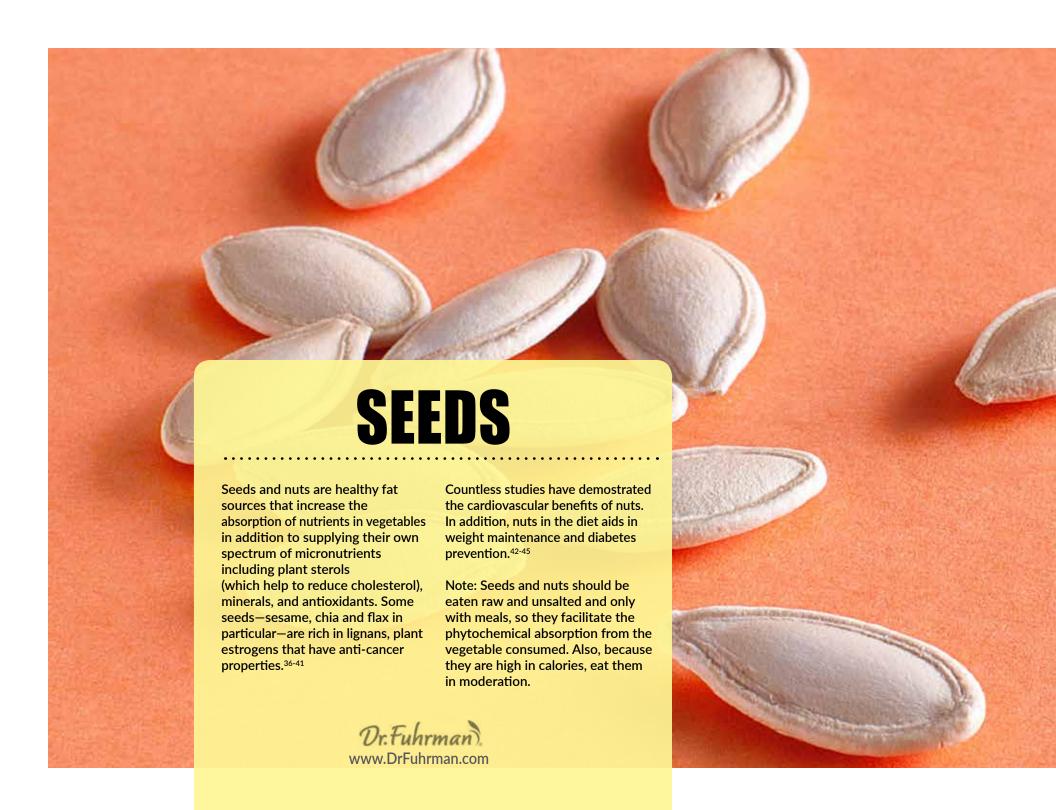
INGREDIENTS

1/2 cup pomegranate juice
1/2 cup soy, hemp or almond milk
1 frozen banana
2 cups frozen mixed berries
2 cups frozen peach slices

INSTRUCTIONS:

Blend ingredients in a high-powered blender until smooth. Note: make sure to freeze ripe banana (peeled, cut into thirds and placed in a plastic bag) at least 8 hours before making this recipe.

Calories 155; Protein 3 g; Carbohydrates 36 g; Total Fat 1.6 g; Saturated Fat 0.2 g; Cholesterol 0 mg; Sodium 21 mg; Fiber 5.2 g; Beta-Carotene 204 ug; Vitamin C 32 mg; Calcium 76 mg; Iron 1.1 mg; Folate 34 ug; Magnesium 37 mg; Zinc 0.5 mg; Selenium 1 ug



Super Seeds and Nutritious Nuts



Almonds



Chia Seeds



Flaxseeds



Hemp Seeds



Mediterranean Pine Nuts



Pistachios



Pumpkin Seeds



Sesame Seeds



Walnuts

RECIPE





PUMPKIN SEED SUNFLOWER SESAME BURGERS

Serves 4

INGREDIENTS

1/2 cup raw pumpkin seeds

1/3 cup raw sunflower seeds

1/4 cup unhulled sesame seeds

3/4 cup cooked lentils

2 tablespoons rolled oats

3 tablespoons tomato paste (see note)

1/4 cup chopped scallions

2 tablespoons tahini

1 tablespoon chopped flat leaf parsley

pinch cayenne pepper

INSTRUCTIONS:

Preheat oven to 350 degrees F. In food processor, combine pumpkin seeds, sunflower seeds and sesame seeds and process until coarsely chopped. Add lentils, rolled oats, tomato paste, scallions, tahini, parsley and cayenne. Process until mixture is blended. Shape mixture into 4 patties.

Place patties on a non-stick baking sheet and bake for 10 minutes. Turn patties over and bake another 8 minutes.

Note: Select tomato paste packaged in non-BPA glass jars.

Calories 318; Protein 14 g; Carbohydrates 20 g; Total Fat 22.7 g; Saturated Fat 3.3 g; Cholesterol 0 mg; Sodium 17 mg; Fiber 6.5 g; Beta-Carotene 209 ug; Vitamin C 6 mg; Calcium 150 mg; Iron 6.1 mg; Folate 126 ug; Magnesium 169 mg; Zinc 3.5 mg; Selenium 6.3 ug



REFERENCES



- 1. Stringham JM, Bovier ER, Wong JC, et al. The influence of dietary lutein and zeaxanthin on visual performance. *J Food Sci* 2010, 75:R24-29.
- 2. Royston KJ, Tollefsbol TO. The Epigenetic Impact of Cruciferous Vegetables on Cancer Prevention. Curr Pharmacol Rep 2015, 1:46-51.
- 3. Higdon J, Delage B, Williams D, et al. Cruciferous vegetables and human cancer risk: epidemiologic evidence and mechanistic basis. *Pharmacol Res* 2007, **55**:224-236.
- **4.** Bazzano LA, Thompson AM, Tees MT, et al. **Non-soy legume consumption lowers cholesterol levels: a meta-analysis of randomized controlled trials.** *Nutrition, metabolism, and cardiovascular diseases: NMCD* 2011, **21:**94-103.
- 5. Bednar GE, Patil AR, Murray SM, et al. Starch and fiber fractions in selected food and feed ingredients affect their small intestinal digestibility and fermentability and their large bowel fermentability in vitro in a canine model. *J Nutr* 2001, 131:276-286.
- **6.** Muir JG, O'Dea K. **Measurement of resistant starch: factors affecting the amount of starch escaping digestion in vitro.** *Am J Clin Nutr* 1992, **56:**123-127.
- **7.** O'Keefe SJ, Ou J, Aufreiter S, et al. **Products of the colonic microbiota mediate the effects of diet on colon cancer risk.** *J Nutr* **2009, 139:2044-2048.**

- 8. Powolny A, Singh S. Multitargeted prevention and therapy of cancer by diallyl trisulfide and related Allium vegetable-derived organosulfur compounds. Cancer Lett 2008, 269:305-314.
- 9. Ginter E, Simko V. Garlic (Allium sativum L.) and cardiovascular diseases. Bratisl Lek Listy 2010, 111:452-456.
- 10. Taj Eldin IM, Ahmed EM, Elwahab HMA. Preliminary Study of the Clinical Hypoglycemic Effects of Allium cepa (Red Onion) in Type 1 and Type 2 Diabetic Patients. Environ Health Insights 2010, 4:71-77.
- **11.** Galeone C, Pelucchi C, Levi F, et al. **Onion and garlic use and human cancer.** *The American journal of clinical nutrition* 2006, **84**:1027-1032.
- 12. Pierini R, Gee JM, Belshaw NJ, et al. Flavonoids and intestinal cancers. Br J Nutr 2008, 99 E Suppl 1:ES53-59.
- **13.** Zhou Y, Zhuang W, Hu W, et al. **Consumption of large amounts of Allium vegetables reduces risk for gastric cancer in a meta-analysis.** *Gastroenterology* **2011, 141:**80-89.
- 14. Shan BE, Wang MX, Li RQ. Quercetin inhibit human SW480 colon cancer growth in association with inhibition of cyclin D1 and survivin expression through Wnt/beta-catenin signaling pathway. Cancer Invest 2009, 27:604-612.
- **15.** Slimestad R, Fossen T, Vagen IM. **Onions: a source of unique dietary flavonoids.** *J Agric Food Chem* 2007, **55**:10067-10080.

- 16. Miyamoto S, Yasui Y, Ohigashi H, et al. Dietary flavonoids suppress azoxymethane-induced colonic preneoplastic lesions in male C57BL/KsJ-db/db mice. Chem Biol Interact 2010, 183:276-283.
- 17. Zhang M, Huang J, Xie X, et al. Dietary intakes of mushrooms and green tea combine to reduce the risk of breast cancer in Chinese women. *Int J Cancer* 2009, 124:1404-1408.
- 18. Hara M, Hanaoka T, Kobayashi M, et al. Cruciferous vegetables, mushrooms, and gastrointestinal cancer risks in a multicenter, hospital-based case-control study in Japan. *Nutr Cancer* 2003, 46:138-147.
- 19. Hong SA, Kim K, Nam SJ, et al. A case-control study on the dietary intake of mushrooms and breast cancer risk among Korean women. *Int J Cancer* 2008, 122:919-923.
- **20.** Shin A, Kim J, Lim SY, et al. **Dietary mushroom intake and the risk of breast cancer based on hormone receptor status.** *Nutr Cancer* **2010, 62**:476-483.
- 21. Martin KR, Brophy SK. Commonly consumed and specialty dietary mushrooms reduce cellular proliferation in MCF-7 human breast cancer cells. Exp Biol Med 2010, 235:1306-1314.
- **22.** Fang N, Li Q, Yu S, et al. **Inhibition of growth and induction of apoptosis in human cancer cell lines by an ethyl acetate fraction from shiitake mushrooms**. *J Altern Complement Med* 2006, **12**:125-132.



- 23. Ng ML, Yap AT. Inhibition of human colon carcinoma development by lentinan from shiitake mushrooms (Lentinus edodes). *J Altern Complement Med* 2002, 8:581-589.

 24. Adams LS, Phung S, Wu X, et al. White button mushroom (Agaricus bisporus) exhibits antiproliferative and proapoptotic properties and inhibits prostate tumor growth in athymic mice. *Nutr Cancer* 2008, 60:744-756.
- 25. Lakshmi B, Ajith TA, Sheena N, et al. Antiperoxidative, anti-in-flammatory, and antimutagenic activities of ethanol extract of the mycelium of Ganoderma lucidum occurring in South India. *Teratog Carcinog Mutagen* 2003, Suppl 1:85-97.
- **26.** Cao QZ, Lin ZB. **Antitumor and anti-angiogenic activity of Ganoderma lucidum polysaccharides peptide.** *Acta pharmacologica Sinica* **2004**, **25**:833-838.
- 27. Lin ZB, Zhang HN. **Anti-tumor and immunoregulatory activities of Ganoderma lucidum and its possible mechanisms**. *Acta pharmacologica Sinica* 2004, **25**:1387-1395.
- 28. Stoner GD, Wang LS, Casto BC. **Laboratory and clinical studies** of cancer chemoprevention by antioxidants in berries. *Carcinogenesis* 2008, **29**:1665-1674.
- 29. Roy S, Khanna S, Alessio HM, et al. **Anti-angiogenic property of edible berries.** Free Radic Res 2002, **36**:1023-1031.

- 30. Krikorian R, Shidler MD, Nash TA, et al. **Blueberry supplementation improves memory in older adults.** *Journal of agricultural and food chemistry* 2010, **58**:3996-4000.
- 31. Devore EE, Kang JH, Breteler MM, et al. **Dietary intakes of berries and flavonoids in relation to cognitive decline**. *Ann Neurol* 2012. 32. Joseph JA, Shukitt-Hale B, Willis LM. **Grape juice, berries, and walnuts affect brain aging and behavior**. *J Nutr* 2009, **139**:1813S-1817S.
- 33. Cassidy A, O'Reilly EJ, Kay C, et al. **Habitual intake of flavonoid subclasses and incident hypertension in adults**. *Am J Clin Nutr* 2011, **93**:338-347.
- 34.Bazzano LA, Li TY, Joshipura KJ, et al. Intake of Fruit, Vegetables, and Fruit Juices and Risk of Diabetes in Women. *Diabetes Care* 2008, **31**:1311-1317.
- 35. Hannum SM. Potential impact of strawberries on human health: a review of the science. Crit Rev Food Sci Nutr 2004, 44:1-17.
- 36. Brown MJ, Ferruzzi MG, Nguyen ML, et al. Carotenoid bioavailability is higher from salads ingested with full-fat than with fat-reduced salad dressings as measured with electrochemical detection. *Am J Clin Nutr* 2004, **80**:396-403.
- 37.Adlercreutz H. Lignans and human health. Crit Rev Clin Lab Sci 2007, 44:483-525.

- 38. Coulman KD, Liu Z, Hum WQ, et al. Whole sesame seed is as rich a source of mammalian lignan precursors as whole flax-seed. *Nutr Cancer* 2005, **52**:156-165.
- 39. Higdon J: Lignans. In An Evidence-Based Approach to Dietary Phytochemicals. New York: Thieme; 2006: 155-161
- 40. Milder IE, Arts IC, van de Putte B, et al. **Lignan contents of Dutch plant foods: a database including lariciresinol, pinoresinol, secoisolariciresinol and matairesinol**. *Br J Nutr* 2005, **93**:393-402.
- 41. Nemes SM, Orstat V. **Evaluation of a Microwave-Assisted Extraction Method for Lignan Quantification in Flaxseed Cultivars and Selected Oil Seeds.** *Food Analytical Methods* 2012, 5:551-563.
- 42. Nash SD, Nash DT. **Nuts as part of a healthy cardiovascular diet**. *Curr Atheroscler Rep* 2008, **10**:529-535.
- 43. Sabate J, Ang Y. **Nuts and health outcomes: new epidemiologic evidence.** *Am J Clin Nutr* 2009, **89**:1643S-1648S.
- 44. Mattes RD, Dreher ML. **Nuts and healthy body weight maintenance mechanisms**. *Asia Pac J Clin Nutr* 2010, **19**:137-141.
- 45. Kendall CW, Josse AR, Esfahani A, et al. **Nuts, metabolic syndrome and diabetes**. *Br J Nutr* 2010, **104**:465-473.