

10

Ruolo dell'alimentazione nella prevenzione delle patologie

Bibliografia

- [1] Ferretti Gianna, *Il mangiar saggio. Un viaggio nell'Italia dei detti, dei proverbi e della vecchia saggezza popolare*, Aiop, 1997.
- [2] <http://taccuinistorici.it/ita/news/moderna/letteratura/Il-Cuoco-Galante-Vincenzo-Corrado.html>
- [3] Keys A, Taylor HL, Blackburn H, Brozek J, Anderson JT, Simonson E. *Circulation* 1963 Sep; 28: 381-95.
- [4] Keys A (Ed). *Seven Countries: A multivariate analysis of death and coronary heart disease*, Harvard University Press, 1980.
- [5] Sofi F, Cesari F, Abbate R, Gensini GF, Casini A. Adherence to Mediterranean diet and health status: meta-analysis. *BMJ* 2008, 11: 337a1344.
- [6] Trichopoulou A. Traditional Mediterranean diet and longevity in the elderly: a review. *Public Health Nutr* 2004 Oct; 7(7): 943-7.
- [7] <http://unesco.org/culture/ich/index.php?lg=en&pg=00011&RL=00394>.
- [8] Alberti-Fidanza A, Fidanza F. Mediterranean Adequacy Index of Italian diets. *Public Health Nutr* 2004 Oct; 7(7): 937-41.
- [9] AA.VV., *Seven Countries: A Multivariate Analysis of Death and Coronary Heart Disease*, Harvard University Press, 1980.
- [10] Sofi F, Abbate R, Gensini GF, Casini A. Accruing evidence on benefits of adherence to the Mediterranean diet on health: an updated systematic review and meta-analysis. *Am J Clin Nutr* 2010 Nov; 92(5): 1189-96.
- [11] Sofi F, Macchi C, Abbate R, Gensini GF, Casini A. Effectiveness of the Mediterranean diet: can it help delay or prevent Alzheimer's disease? *J Alzheimers Dis* 2010; 20(3): 795-801.
- [12] Sofi F, Abbate R, Gensini GF, Casini A. Evidences on the relationship between Mediterranean diet and health status. *Recenti Prog Med* 2009 Mar; 100(3): 127-31.
- [13] Trichopoulou A. Traditional Mediterranean diet and longevity in the elderly: a review. *Public Health Nutr* 2004 Oct; 7(7): 943-7.
- [14] Sofi F. The Mediterranean diet revisited: evidence of its effectiveness grows. *Curr Opin Cardiol* 2009 Sep; 24(5): 442-6.
- [15] Sofi F, Macchi C, Abbate R, Gensini GF, Casini A. Mediterranean diet and health. *Biofactors* 2013 Mar 29.
- [16] A. Trichopoulou, T. Costacou, C. Bamia, and D. Trichopoulos. Adherence to a Mediterranean Diet and Survival in a Greek Population. *N Engl J Med* 2003; 348: 2599-2608.
- [17] Marco Oreggia e Laura Marinelli, *Flos Olei 2013, Guida al mondo dell'extravergine*. E.V.O. Editore, 2013.
- [18] Perez-Jimenez F, et al. International conference on the healthy effect of virgin olive oil. *Eur J Clin Invest* 2005; 35: 421-424.
- [19] Keys A, Menotti A, Karvonen MJ, et al. The diet and 15-year death rate in the Seven Countries Study. *Am J Epidemiol* 1986; 124: 903-15.
- [20] Estruch R, Ros E, Salas-Salvado J, Covas MI, Corella D, Aros F, Gomez-Gracia E, Ruiz-Gutierrez V, Fiol M, Lapetra J, Lamuela-Raventos RM, Serra-Majem L, Pinto X, Basora J, Munoz MA, Sorlo JV, Martinez JA, Martinez-Gonzalez MA; PREDIMED Study Investigators. Primary prevention of cardiovascular disease with a Mediterranean diet. *N Engl J Med* 2013; 368: 1279-90.
- [21] Covas MI, Konstantinidou V, Fito M. Olive oil and cardiovascular health. *J Cardiovasc Pharmacol* 2009; 54: 477-482.
- [22] Strazzullo P, Ferro-Luzzi A, Saini A et al. Changing the Mediterranean diet: effects on blood pressure. *J Hypertension* 1986; 4: 407-412.
- [23] Ferrara LA, Raimondi AS, De Piscopo L, Guida L, Dello Russo A, Marotta T. Olive oil and reduce need for antihypertensive medications. *Arch Intern Med* 2000; 160: 837-842.
- [24] Perez-Jimenez P, Lista JD, Perez-Martinez P, Lopez-Segura F, Fuentes F, Cortes B, Lozano A, Lopez-Miranda J. Olive oil and haemostasis: a review on its healthy effects. *Public Health Nutr* 2006; 9: 1083-1088.
- [25] Psaltopoulou T, Kosti RI, Haidopoulos D, Dimopoulos M, Panagiotakos DB. Olive oil intake is inversely related to cancer prevalence: a systematic review and meta-analysis of 13800 patients and 23340 controls in 19 observational studies. *Lipids Health Dis* 2011; 10: 127.
- [26] L Diomedede, S Rigacci, M Romeo, M Stefani, M Salmona. Oleuropein Aglycone Protects Transgenic C. elegans Strains Expressing Ab42 by Reducing Plaque Load and Motor Deficit. *Plos One* March 2013 Volume 8 Issue 3 e58893.
- [27] S Bulotta, M Oliverio, D Russo, A Procopio. *Biological Activity of Oleuropein and its Derivatives Natural Products*, Springer, 2013, pp 3605-3638.
- [28] C Grossi, S Rigacci, S Ambrosini, T Dami, I Luccarini, C Traini, P Failli, A Berti, F Casamenti, M Stefani. The Polyphenol Oleuropein Aglycone Protects TgCRND8 Mice against Aβ Plaque Pathology. *Plos One* August 2013 Volume 8 Issue 8 e71702.

- [29] Dai J, Miller AH, Bremner JD, Goldberg J, Jones L et al. Adherence to the Mediterranean diet is inversely associated with circulating interleukin-6 among middle aged men: a twin study. *Circulation* 2008, 117: 169-75.
- [30] Dai J, Jones DP, Goldberg J, Dai J, Jones DP et al. Association between adherence to the Mediterranean diet and oxidative stress. *Am J Clin Nutr* 2008, 88(5): 1364-70.
- [31] Christos Pitsavos, Demosthenes B Panagiotakos, Natalia Tzima, Christina Chrysohoou, Manolis Economou, Antonis Zampelas, and Christodoulos Stefanadis. Adherence to the Mediterranean diet is associated with total antioxidant capacity in healthy adults: the ATTICA study. *Am J Clin Nutr* 2005 82: 3 694-699.
- [32] Lapointe A, Couillard C, Lemieux S. Effects of dietary factors on oxidation of low-density lipoprotein particles. *J Nutr Biochem* 2006 Oct; 17(10): 645-58.
- [33] Il mangiar saggio. *Un viaggio nell'Italia dei detti, dei proverbi e della vecchia saggezza popolare*, Aiep, 1997.
- [34] AA.VV., *Il libro del vino: manuale teorico & pratico*. Roma, Gambero Rosso, 2004.
- [35] Revel JF. *300 anni a tavola*, Rizzoli, 1979.
- [36] Arranz A, Chiva-Blanch G, Valderas-Martinez P, Medina-Remon A, Lamuela-Raventos RM, Estruch R. Wine, beer, alcohol and polyphenols on cardiovascular disease and cancer. *Nutrients* 2012; 4: 759-781.
- [37] Renaud S, de Lorgeril M. Wine. Alcohol, platelets, and the French Paradox for coronary heart disease. *Lancet* 1992; 1523-1526.
- [38] Tsang C, Higgins S, Duthie GG, Duthie SJ, Howie M, Mullen W, Lean ME, Crozier A. The influence of moderate red wine consumption on antioxidant status and indices of oxidative stress associated with chd in healthy volunteers. *Br J Nutr* 2005; 93: 233-240.
- [39] Katie L. Hector, Malgorzata Lagisz, and Shinichi Nakagawa The effect of resveratrol on longevity across species: a meta-analysis. *Biol Lett* 2012 8 5 790-793.
- [40] Yu L, Sun ZJ, Wu SL, Pan CE. Effect of resveratrol on cell cycle proteins in murine transplantable liver cancer. *World J Gastroenterol* 2003 9: 2341-2343.
- [41] Vang O, Ahmad N, Baile CA, Baur JA, Brown K, et al. What Is New for an Old Molecule? Systematic Review and Re-commendations on the Use of Resveratrol. *PLoS ONE* 2011 6(6): e19881.
- [42] De Gaetano G, Cerletti C. Wine and cardiovascular disease. *Nutr Metab Cardiovasc Dis* 2001; 11: 47-50.
- [43] Gresele P, Cerletti C, Guglielmini G, Pignatelli P, de Gaetano G, Violi F. Effects of resveratrol and other wine polyphenols on vascular function: an update. *J Nutr Biochem* 2011; 22: 201-11.
- [44] Di Castelnuovo A, Rotondo S, Iacoviello L, Donati MB, De Gaetano G. Meta-analysis of wine and beer consumption in relation to vascular risk. *Circulation* 2002; 105: 2836-2844.
- [45] Costanzo S, Di Castelnuovo A, Donati MB, Iacoviello L, de Gaetano G. Alcohol consumption and mortality in patients with cardiovascular disease: a meta-analysis. *J Am Coll Cardiol* 2010; 55: 1339-1347.
- [46] Bonaccio M, Di Castelnuovo A, Bonanni A, Costanzo S, De Lucia F, Persichillo M, Zito F, Donati MB, de Gaetano G, Iacoviello L. Decline of the Mediterranean diet at a time of economic crisis. Results from the Molisani study. *Nutr Metab Cardiovasc Dis* 2014 ([http://](http://nutrition-foundation.it/notizie/Minore-aderenza-alla-dieta-mediterranea-in-un-periodo-di-crisi-economica-e-maggiore-impatto-dei-determinanti-economico-sociali-sulle-scelte-alimentari.aspx)
- nutrition-foundation.it/notizie/Minore-aderenza-alla-dieta-mediterranea-in-un-periodo-di-crisi-economica-e-maggiore-impatto-dei-determinanti-economico-sociali-sulle-scelte-alimentari.aspx).
- [47] Position of the American Dietetic Association: Vegetarian Diets. *Journal of the American Dietetic Association*, July 2009; Volume 109: Pages 1266-1282.
- [48] Eurispes, *Il Rapporto Italia 2013*. L'Italia del presentismo.
- [49] David Pimentel and Marcia Pimentel, Sustainability of meat-based and plant-based diets and the environment, *Am J Clin Nutr* September 2003 vol. 78 no. 3 660S-663S.
- [50] Harold J Marlow, William K Hayes, Samuel Soret et al. Diet and the environment: does what you eat matter? *Am J Clin Nutr* May 2009.
- [51] The Food habits of a nation. *The Hindu* August 14, 2006.
- [52] C. Stahler, *How Often Do Americans Eat Vegetarian Meals? And How Many Adults in the U.S. Are Vegan?* The Vegetarian Resource Group.
- [53] J. Lea, D. Crawford and A. Worsley, Public views of the benefits and barriers to the consumption of a plant-based diet. *Eur J Clin Nutr* 60 (2006), pp. 828-837. Cit. in: Position of the American Dietetic Association: Vegetarian Diets. *J Am Diet Assoc* 2009; 109: 1266-1282.
- [54] Agriculture and Agri-Food Canada, Exporting to the EU. Eurostat, Key figures on Europe.
- [55] *J Am Diet Assoc* 2009; 109: 1266-1282.
- [56] American Dietetic Association, Dietitians of Canada. Position of the American Dietetic Association and Dietitians of Canada: Vegetarian diets. *Journal of the American Dietetic Association*, June 2003; Volume 103: Pages 748-765 - *Canadian Journal of Dietetic Practice and Research*, Summer 2003; Volume 64 (2): Pages 62-81.
- [57] Center for Nutrition Policy and Promotion, *Dietary Guidelines for Americans 2010*, Appendices, pagg. 81-82.
- [58] Center For Nutrition Policy and Promotion, *Dietary Guidelines for Americans 2010*, Chapter 5 - Building Healthy Eating Patterns.
- [59] Third International Congress on Vegetarian Nutrition, 1997, Ella H Haddad et al, 1999.
- [60] USDA - ChooseMyPlate.gov, Tips for Vegetarians.
- [61] Mayo Clinic, Vegetarian diet: How to get the best nutrition.
- [62] Loma Linda University, School of Public Health to host international vegetarian congress.
- [63] USDA, *Dietary Guidelines for Americans*.
- [64] Paul Appleby. *Lessons for vegetarians and vegans from the EPIC-Oxford study*. June 2004.
- [65] Appleby PN, Thorogood M, Mann JI, Key TJ. The Oxford Vegetarian Study: an overview. *American Journal of Clinical Nutrition* 1999; 70(suppl): 525S-531S.
- [66] Rizzo NS, Sabaté J, Jaceldo-Siegl K, Fraser GE. Vegetarian Dietary Patterns Are Associated With a Lower Risk of Meta-bolic Syndrome: The Adventist Health Study 2; *Diabetes Care* (Mar 2011).
- [67] International Vegetarian Union. Main results from the Oxford Vegetarian Study. Scienzavegetariana.it
- [68] Chang-Claude J, Hermann S, Eilber U, Steindorf K. Lifestyle determinants and mortality in German vegeta-

- rians and health-conscious persons: results of a 21-year follow-up. *Cancer Epidemiology, Biomarkers & Prevention*, April 2005; Volume 14 (4): Pages 963-968.
- [69] Li D. Effect of the vegetarian diet on non-communicable diseases. *J Sci Food Agric* 2013 Aug 21. doi: 10.1002/jsfa.6362.
- [70] Key TJ, Fraser GE, Thorogood M, Appleby PN, Beral V, Reeves G, Burr ML, Chang-Claude J, Frentzel-Beyme R, Kuzma JW, Mann J, McPherson K. Mortality in vegetarians and nonvegetarians: detailed findings from a collaborative analysis of 5 prospective studies. *Am J Clin Nutr* 1999 Sep; 70 (3 Suppl): 516S-524S.
- [71] Huang T, Yang B, Zheng J, et al. Cardiovascular disease mortality and cancer incidence in vegetarians: A meta-analysis and systematic review. *Ann Nutr Metab* 2012; 60: 233-40. A meta-analyses and systemic review of vegetarian diets and IHD mortality.
- [72] Crowe FL, Appleby PN, Travis C, et al. Risk of hospitalization or death from ischemic heart disease among British vegetarians and non-vegetarians: result from the EPIC-Oxford cohort study. *Am J Clin Nutr* 2013; 97: 597-603.
- [73] Sirtori CR, Eberini I, Arnoldi A. Hypocholesterolemic effects of soya proteins: Results of recent studies are predictable from the Anderson meta-analysis data. *Br J Nutr* 2007; 97: 816-822.
- [74] Fraser GE. *Diet, Life Expectancy, and Chronic Disease. Studies of Seventh-day Adventists and Other Vegetarians*, Oxford University Press, 2003.
- [75] Kelly JH Jr, Sabaté J. Nuts and coronary heart disease: An epidemiological perspective. *Br J Nutr* 2006; 96(suppl): S61-S67.
- [76] Katan MB, Grundy SM, Jones P, Law M, Miettinen T, Paoletti R; Stresa Workshop Participants. Efficacy and safety of plant stanols and sterols in the management of blood cholesterol levels. *Mayo Clin Proc* 2003; 78: 965-978.
- [77] Sirtori CR, Eberini I, Arnoldi A. Hypocholesterolemic effects of soya proteins: Results of recent studies are predictable from the Anderson meta-analysis data. *Br J Nutr* 2007; 97: 816-822.
- [78] Fraser GE. *Diet, Life Expectancy, and Chronic Disease. Studies of Seventh-day Adventists and Other Vegetarians*, Oxford University Press; 2003.
- [79] Kelly JH Jr, Sabaté J. Nuts and coronary heart disease: An epidemiological perspective. *Br J Nutr* 2006; 96(suppl): S61-S67.
- [80] Liu RH. Health benefits of fruits and vegetables are from additive and synergistic combinations of phytochemicals. *Am J Clin Nutr* 2003; 78(suppl): 517S-520S.
- [81] Perez-Vizcaino F, Duarte J, Andriantsitohaina R. Endothelial function and cardiovascular disease: Effects of quercetin and wine polyphenols. *Free Radic Res* 2006; 40: 1054-1065.
- [82] Lin CL, Fang TC, Gueng MK. *Vascular dilatory functions of ovo-lactovegetarians compared with omnivores*.
- [83] Li D., Chemistry behind Vegetarianism, *J Agric Food Chem* 2011 Feb 9; 59(3): 777-84. Epub 2011 Jan 4.
- [84] Jack Norris, Disease Markers of Vegetarians - Blood Pressure (<http://veganhealth.org/articles/dxmarker-#Press>).
- [85] Gary E Fraser. Vegetarian diets: what do we know of their effects on common chronic diseases? *American Journal of Clinical Nutrition*, May 2009; Volume 89 (5): Pages 1607S-1612S.
- [86] Braithwaite N, Fraser HS, Modeste N, Broome H, King R. Obesity, diabetes, hypertension, and vegetarian status among Seventh-day Adventists in Barbados: Preliminary results. *Eth Dis* 2003; 13: 34-39.
- [87] Margetts BM, Beilin LJ, Vandongen R, Armstrong BK. Vegetarian diet in mild hypertension: a randomised controlled trial. *Br Med J* 1986 Dec 6; 293(6560): 1468-71.
- [88] Lindahl O, Lindwall L, Spångberg A, Stenram A, Ockerman PA. A vegan regimen with reduced medication in the treatment of hypertension. *Br J Nutr* 1984 Jul; 52(1): 11-20.
- [89] World Cancer Research Fund, American Institute for Cancer Research, *Food, Nutrition, Physical Activity and the Prevention of Cancer: a Global Perspective*, chapter 12: Public health goals and personal recommendations.
- [90] Key TJ, Appleby PN, Spencer EA, Travis RC, Allen NE, Thorogood M, Mann JI. Cancer incidence in British vegetarians. *Br J Cancer* 2009 Jul 7; 101(1): 192-7. Epub 2009 Jun 16.
- [91] Fraser GE. Associations between diet and cancer, ischemic heart disease, and all cause mortality in non-Hispanic white California Seventh-day Adventists. *Am J Clin Nutr* 1999; 70(suppl): 532S-538S.
- [92] Tonstad S, Butler T, Yan R, Fraser GE. Type of vegetarian diet, body weight, and prevalence of type 2 diabetes. *Diabetes Care* 2009 May; 32(5): 791-6. Epub 2009 Apr 7.
- [93] Loma Linda University School of Public Health, Department of Health Promotion and Education. Tonstad S, Stewart K, Oda K, Batech M, Herring RP, Fraser GE. Vegetarian diets and incidence of diabetes in the Adventist Health Study-2. *Nutrition, Metabolism & Cardiovascular Diseases*, October 2011.
- [94] Waldmann A, Strohle A, Koschizke JW, Leitzmann C, Hahn A. Overall glycemic index and glycemic load of vegan diets in relation to plasma lipoproteins and triacylglycerols. *Ann Nutr Metab* 2007; 51: 335-344.
- [95] Barnard ND, Cohen J, Jenkins DJA, Turner-McGrievy G, Gloede L, Jaster B, Seidl K, Green AA, Talpers S. A low-fat vegan diet improves glycemic control and cardiovascular risk factors in a randomized clinical trial in individuals with Type 2 diabetes. *Diabetes Care* 2006; 29: 1777-1783.
- [96] Trapp CB, Barnard ND. Physicians Committee for Responsible Medicine, Washington, DC. Usefulness of vegetarian and vegan diets for treating type 2 diabetes. *Curr Diab Rep* 2010 Apr; 10(2): 152-8.
- [97] Kahleova H, Matoulek M, Malinska H et al. Vegetarian diet improves insulin resistance and oxidative stress markers more than conventional diet in subjects with Type 2 diabetes. *Diabet Med* 2011; 28: 549-59.
- [98] Spencer EA, Appleby PN, Davey GK, Key TJ. Diet and body-mass index in 38000 EPIC-Oxford meat-eaters, fish-eaters, vegetarians, and vegans. *Int J Obes Relat Metab Disord* 2003; 27: 728-734.
- [99] Rosell M, Appleby P, Spencer E, Key T. Weight gain over 5 years in 21,966 meat-eating, fish-eating, vegetarian, and vegan men and women in EPIC-Oxford. *Int J Obes (Lond)* 2006 Sep; 30(9): 1389-96. Epub 2006 Mar 14.
- [100] Berkow SE, Barnard N. Vegetarian diets and weight status. *Nutr Rev* 2006; 64: 175-88.

- [101] Michael J. Orlich, Pramil N Singh, Joan Sabaté, Karen Jaceldo-Siegl, Jing Fan, Synnove Knutsen, W. Lawrence Beeson, Gary E. Fraser. Vegetarian Dietary Patterns and Mortality in Adventist Health Study 2. *JAMA Internal Medicine*, 2013 DOI: 10.1001/jamainternmed.2013.6473.
- [102] Sofi F, Capalbo A, Cesari F, Abbate R, Gensini GF. Physical activity during leisure time and primary prevention of coronary heart disease: an updated meta-analysis of cohort studies. *Eur J Cardiovasc Prev Rehabil* 2008; 15: 247-257.
- [103] Paffenbarger RS Jr, Wing AL, Hyde RT. Physical activity as an index of heart attack risk in college alumni. *Am J Epidemiol* 1978; 108: 161-75.
- [104] Paffenbarger RS Jr, Hyde RT, Wing AL, Hsieh CC. Physical activity, all-cause mortality, and longevity of college alumni. *N Engl J Med* 1986; 314: 605-13.
- [105] Oguma Y, Shinoda-Tagawa T. Physical activity decreases cardiovascular disease risk in women. Review and meta-analysis. *Am J Prev Med* 2004; 26: 407-18.
- [106] Yusuf S, Hawken S, Ounpuu S, Dans T, Avezum A, Lanas F, McQueen M, Budaj A, Pais P, Varigos J, Lisheng L, INTERHEART study investigators. Effect of potentially modifiable risk factors associated with myocardial infarction in 52 countries: case-control study. *Lancet* 2004; 364: 937-52.
- [107] Whelton SP, Chin A, Xin X, He J. Effect of aerobic exercise on blood pressure: a meta-analysis of randomized, controlled trials. *Ann Intern Med* 2002; 136: 493-503.
- [108] Kelley GA, Kelley KS, Tran ZV. Exercise, lipids, and lipoproteins in older adults: a meta-analysis. *Prev Cardiol* 2005; 8: 206-214.
- [109] Sofi F, Capalbo A, Marcucci R, Gori AM, Fedi S, Macchi C, Casini A, Surrenti C, Abbate R, Gensini GF. Physical activity and cardiovascular risk factors in a middle-aged urban Italian population. *Eur J Clin Invest* 2007; 37: 947-953.
- [110] Kaspis C, Thompson PD. The effects of physical activity on serum C-reactive protein and inflammatory markers: a systematic review. *J Am Coll Cardiol* 2005; 45: 1563-9.
- [111] Laufs U, Urhausen A, Werner N, Scharhag J, Heitz A, Kissner G, Bohm M, Kindermann W, Nickenig G. Running exercise of different duration and intensity: effect on endothelial progenitor cells in healthy subjects. *Eur J Cardiovasc Prev Rehabil* 2005; 12: 407-14.
- [112] Thrall G, Lane D, Carroll D, Lip GYH. A systematic review of the effects of acute psychological stress and physical activity on Haemorheology, coagulation, fibrinolysis and platelet reactivity: implications for the pathogenesis of acute coronary syndromes. *Thromb Res* 2007; 120: 819-47.
- [113] Fagard RH, Cornelissen VA. Effect of exercise on blood pressure control in hypertensive patients. *Eur J Cardiovasc Prev Rehabil* 2007; 14: 12-7.
- [114] World Health Organization. *The world health report 2006: working together for health* (http://www.who.int/whr/2006/whr06_en.pdf)
- [115] Haskell WL, Lee IM, Pate RR, Powell KE, Blair SN, Franklin BA, Macera CA, Heath GW, Thompson PD, Bauman A. Physical activity and public health: updated recommendation for adults from the American College of Sports Medicine and the American Heart Association. *Circulation* 2007; 116: 1081-93.
- [116] World Health Organization Study Group. *Diet, Nutrition, and the Prevention of Chronic Diseases*. World Health Organization; Technical Report Series, 916, 2003.
- [117] Keys A, Menotti A, Karvonen MJ, et al. The diet and 15-year death rate in the Seven Countries Study. *Am J Epidemiol* 1986; 124: 903-15.
- [118] American Heart Association Nutrition Committee, Lichtenstein AH, Appel LJ, Brands M, et al. Diet and lifestyle recommendations revision 2006: a scientific statement from the American Heart Association Nutrition Committee. *Circulation* 2006; 114: 82-96.
- [119] Trichopoulou A, Costacou T, Bamia C, Trichopoulos D. Adherence to a Mediterranean diet and survival in a Greek population. *N Engl J Med* 2003; 348: 2599-608.
- [120] Martinez-Gonzalez MA, Garcia-Lopez M, Bes-Rastrollo M, et al. Mediterranean diet and the incidence of cardiovascular disease: a Spanish cohort. *Nutr Metab Cardiovasc Dis* 2011; 21: 237-44.
- [121] Buckland G, Gonzalez CA, Vilardell M, et al. Adherence to Mediterranean diet and risk of coronary heart disease in the Spanish EPIC cohort study. *Am J Epidemiol* 2009; 170: 1518-29.
- [122] Knuops KTB, de Groot L, Kromhout D, et al. Mediterranean diet, lifestyle factors, and 10-year mortality in elderly European men and women. *JAMA* 2004; 292: 1433-9.
- [123] Mitrou PN, Kipnis V, Thiebaut ACM, et al. Mediterranean dietary pattern and prediction of all-cause mortality in a US population. *Arch Intern Med* 2007; 167: 2461-8.
- [124] Fung T, Rexrode KM, Mantzoros CS, et al. Mediterranean diet and incidence of and mortality from coronary heart disease and stroke in women. *Circulation* 2009; 119: 1093-1100.
- [125] Kastorini CM, Milionis HJ, Ioannidi A, et al. Adherence to the Mediterranean diet in relation to acute coronary syndromes or stroke nonfatal events: a comparative analysis of a case/control study. *Am Heart J* 2011; 162: 717-24.
- [126] de Lorgeril M, Salen P, Martin JL, et al. Mediterranean diet, traditional risk factors, and the rate of cardiovascular complications after myocardial infarction: final report of the Lyon Diet Heart Study. *Circulation* 1999; 99: 779-85.
- [127] Barzi F, Woodward M, Marfisi RM, et al.; GISSI-Prevenzione Investigators. Mediterranean diet and all-causes mortality after myocardial infarction: results from the GISSI-Prevenzione trial. *Eur J Clin Nutr* 2003; 57: 604-11.
- [128] Trichopoulou A, Bamia C, Trichopoulos D. Mediterranean diet and survival among patients with coronary heart disease in Greece. *Arch Intern Med* 2005; 165: 929-35.
- [129] Trichopoulou A, Bamia C, Norat T, et al. Modified Mediterranean diet and survival after myocardial infarction: the EPIC-Elderly study. *Eur J Epidemiol* 2007; 22: 871-81.
- [130] Sofi F, Cesari F, Abbate R, et al. Adherence to Mediterranean diet and health status. A meta-analysis. *BMJ* 2008; 337: a1344.
- [131] Sofi F, Abbate R, Gensini GF, Casini A. Accruing evidence about benefits of adherence to Mediterranean diet on health: an updated systematic review with meta-analysis. *Am J Clin Nutr* 2010; 92: 1189-96.

- [132] Sofi F, Innocenti G, Dini C, et al. Low adherence of a clinically healthy Italian population to nutritional recommendations for primary prevention of chronic diseases. *Nutr Metab Cardiovasc Dis* 2006; 16: 436-44.
- [133] Perk J, De Backer G, Gohlke H, et al. European Guidelines for Cardiovascular Disease Prevention (version 2012). *Eur Heart J* 2012; doi: 10.1093/eurheartj/ehs092
- [134] Hall KD, Heymsfield SB, Kemnitz JW, Klein S, Schoeller DA, Speakman JR. Energy balance and its components: implications for body weight regulation. *Am J Clin Nutr* 2012; 95: 989-94.
- [135] Boeing H, Bechthold A, Bub A, et al. Critical review: fruit and vegetables in the prevention of chronic diseases. *Eur J Clin Nutr* 2012; doi: 10.1007/s00394-012-0380
- [136] He FJ, Nowson CA, MacGregor GA. Fruit and vegetable consumption and stroke: meta-analysis of cohort studies. *Lancet* 2006; 367: 320-6.
- [137] Mellen PB, Walsh TF, Herrington DM. Whole grain intake and cardiovascular disease: a meta-analysis. *Nutr Metab Cardiovasc Dis* 2008; 18: 283-90.
- [138] Nannicini F, Sofi F, Avanzi G, Abbate R, Gensini GF. Alpha-linolenic acid and cardiovascular diseases. Omega-3 fatty acids beyond eicosapentaenoic acid and docosahexaenoic acid. *Minerva Cardioangiol* 2006; 54: 431-42.
- [139] Marik PE, Varon J. Omega-3 dietary supplements and the risk of cardiovascular events: a systematic review. *Clin Cardiol* 2009; 32: 365-72.
- [140] Mozaffarian D, Rimm EB. Fish intake, contaminants, and human health: evaluating the risks and the benefits. *JAMA* 2006; 296: 1885-99.
- [141] Malik VS, Popkin BM, Bray GA, Després JP, Willett WC, Hu FB. Sugar-sweetened beverages and risk of metabolic syndrome and diabetes mellitus type 2: meta-analysis. *Diabetes Care* 2010; 33: 2477-83.
- [142] Strazzullo P, D'Elia L, Kandala NB, Cappuccio FP. Salt intake, stroke, and cardiovascular disease: meta-analysis of prospective studies. *BMJ* 2009; 339: b4567.
- [143] Cummings JL. Alzheimer's disease. *N Engl J Med* 2004; 351: 56-67.
- [144] Luchsinger JA, Mayeux R. Dietary factors and Alzheimer's disease. *Lancet Neurol* 2004; 3: 579-587.
- [145] Luchsinger JA, Tang MX, Shea S, Mayeux R. Antioxidant vitamin intake and risk of Alzheimer disease. *Arch Neurol* 2003; 60: 203-208.
- [146] Seshadri S, Wolf PA. Homocysteine and the brain: vascular risk factor or neurotoxin? *Lancet Neurol* 2003; 2: 11.
- [147] Solfrizzi V, Panza F, Capurso A. The role of diet in cognitive decline. *J Neural Transm* 2003; 110: 95-110.
- [148] Luchsinger JA. Alcohol intake and risk of Alzheimer's disease. *J Am Geriatr Soc* 2004; 52: 540-546.
- [149] Sofi F, Macchi C, Abbate R, Gensini GF, Casini A. Effectiveness of the Mediterranean diet: can it help delay or prevent Alzheimer's disease? *J Alzheimers Dis* 2010; 20: 1-7.
- [150] Scarmeas N, Stern Y, Tang MX, et al. Mediterranean diet and risk for Alzheimer's disease. *Ann Neurol* 2006; 59: 912-21.
- [151] Scarmeas N, Stern Y, Mayeux R, Manly J, Schupf N, Luchsinger JA. Mediterranean diet and cognitive impairment. *Arch Neurol* 2009; 66: 216-25.
- [152] Fearnt C, Samieri C, Rondeau V, et al. Adherence to a Mediterranean diet, cognitive decline, and risk of dementia. *JAMA* 2009; 302: 638-48.
- [153] Tangney CC, Kwasny MJ, Li H, et al. Adherence to a Mediterranean-type dietary pattern and cognitive decline in a community population. *Am J Clin Nutr* 2011; 93: 601-7.
- [154] Sofi F, Cesari F, Abbate R, Gensini GF, Casini A. Adherence to Mediterranean diet and health status. A meta-analysis. *BMJ* 2008; 337: a1344.
- [155] Sofi F, Abbate R, Gensini GF, Casini A. Accruing evidence about benefits of adherence to Mediterranean diet on health: an updated systematic review with meta-analysis. *Am J Clin Nutr* 2010; 92: 1189-96.
- [156] Società Italiana di Nutrizione Umana (S.I.N.U.). *Livelli di Assunzione di Riferimento di Nutrienti ed energia per la popolazione italiana*. Revisione 2012.
- [157] Bonjour JP, Guéguen L, Palacios C, Shearer MJ, Weaver CM. Minerals and vitamins in bone health: the potential value of the enhancement. *Br J Nutr* 2009; 101: 1581-1596.
- [158] Bacciottini L, Tanini A, Falchetti A, Masi L, Franceschelli F, Pampaloni B, Giorgi G, Brandi ML. Calcium bioavailability from a calcium-rich mineral water, with some observations on the method. *J Clin Gastroenterol* 2004; 38: 761-766.
- [159] Kerstetter JE, O'Brien KO, Insogna KL. Low protein intake: the impact on calcium and bone homeostasis in humans. *J Nutr* 2003; 133: 855-861.
- [160] Tucker KL, Hannan MT, Hoglei C, Cupples LA, Wilson P, Kiel DP. Potassium, magnesium, and fruit and vegetable intakes are associated with greater bone mineral density in elderly men and women. *Am J Clin Nutr* 1999; 69: 727-736.
- [161] Nieves JW. Osteoporosis: the role of micronutrients. *Am J Clin Nutr* 2005; 81: 1232-1239.
- [162] Lanham-New SA. The balance of bone health: tipping the scales in favor of potassium-rich, bicarbonate-rich foods. *J Nutr* 2008; 138: 172-177.
- [163] Yamaguchi M. Role of nutritional zinc in the prevention of osteoporosis. *Mol Cell Biochem* 2010; 338: 241-254.
- [164] Booth SL, Broe KE, Peterson JW, Cheng DM, Dawson-Hughes B, Gundberg CM, Cupples LA, Wilson PW, Kiel DP. Associations between vitamin K biochemical measures and bone mineral density in men and women. *J Clin Endocrinol Metab* 2004; 89: 4904-4909.
- [165] Penniston KL, Tanumihardjo SA. The acute and chronic toxic effects of vitamin A. *Am J Clin Nutr* 2006; 83: 191-201.
- [166] McLean RR, Jacques PF, Selhub J, Tucker KL, Samelson EJ, Broe KE, Hannan MT, Cupples LA, Kiel DP. Homocysteine as a predictive factor for hip fracture in older persons. *N Engl J Med* 2004; 350: 2042-2049.
- [167] <http://a4m.com>
- [168] <https://fightaging.org>
- [169] Arthur V. Everitt; Leonie K. Heilbronn; David G. Le Couteur. Food Intake, Life Style, Aging and Human Longevity. In: Everitt, Arthur V; Rattan, Suresh IS, Le

Couteur, David G et al. *Calorie Restriction, Aging and Longevity*, Springer, 2010, pp. 15-41.

[170] Schäfer, Daniel. Aging, Longevity, and Diet: Historical Remarks on Calorie Intake Reduction. *Gerontology* (Mar-Apr 2005) 51 (2): 126-30.

[171] Anderson, R. M.; Shanmuganayagam, D.; Weindruch, R. Caloric Restriction and Aging: Studies in Mice and Monkeys. *Toxicologic Pathology* 2009 37 (1): 47-51.

[172] Colman RJ; Beasley TM; Kemnitz JW; Johnson SC; Weindruch R; Anderson RM. Caloric restriction reduces age-related and all-cause mortality in rhesus monkeys. *Nature Communications* Apr 1, 2014 5: 3557.

[173] Spindler, Stephen R. Biological Effects of Calorie Restriction: Implications for Modification of Human Aging. In: *The Future of Aging*, Springer, 2010, pp. 367-438.

[174] Rajindar S. Sohal, Oxidative Stress, Caloric Restriction, and Aging. *Science* Jul 5, 1996; 273 (5271): 59-63.

[175] R Cascella, E Evangelisti, M Zampagni, M Becatti, G D'Adamio, A Goti, G Liguri, C Fiorillo, C Cecchi, S-linolenoylglutathione intake extends life-span and stress resistance via Sir-2.1 upregulation in *Caenorhabditis elegans*. *Free Radical Biology and Medicine* 73 (2014) 127-135.

[176] A Pensalfini, C Cecchi, M Zampagni, M Becatti, F Favilli, P Paoli, S Catarzi, S Bagnoli, B Nacmias, S Sorbi, G Liguri, Protective effect of new S-acylglutathione derivatives against amyloid-induced oxidative stress. *Free Radical Biology & Medicine* 44 (2008) 1624-1636.

[177] Toffanello E.D., et al. Vitamin D deficiency predicts cognitive decline in older men and women. *Neurology*, November 5, 2014 1526-632.

[178] Erin D. M., et al. Vitamin D and Subclinical Cerebrovascular Disease - The Atherosclerosis Risk in Communities Brain Magnetic Resonance Imaging Study. *JAMA Neurol* 2014; 71(7): 863-871.