

U.S. Canola Association 600 Pennsylvania Ave., SE, Suite 300 Washington, DC 20003 Phone (202) 969-8113

July 28, 2025

Secretary Robert F. Kennedy, Jr. U.S. Department of Health and Human Services Chair, Make America Healthy Again Commission 200 Independence Avenue, SW Washington, DC 20201

Secretary Brooke Rollins U.S. Department of Agriculture 1400 Independence Avenue, SW Washington, DC 20250

Mr. Vince Haley Executive Director, Make America Healthy Again Commission The White House 1600 Pennsylvania Avenue, NW Washington, DC 20500

On behalf of the U.S. Canola Association representing American farmers and their industry partners, we are writing to raise serious concerns about recent activities surrounding the Make America Healthy Again (MAHA) Commission and the public messaging regarding canola and seed oils.

The MAHA Commission's recent report casts doubt on the healthfulness of seed oils like canola oil without any strong scientific basis. While the report avoids outright statements that these oils are harmful, it implies it through suggestive and speculative language.

MAHA and the Administration have also encouraged, supported, and endorsed statements by food companies and restaurants that indicate a shift away from the use of canola or seed oils. In some cases, those announcements have suggested that alternatives with far higher saturated fat levels are healthier than canola and seed oils. Those inferences are counter to the overwhelming consensus of health and nutrition science and are counter to common sense. These actions are misleading and potentially harmful to the public as well as those who rely on facts and science to inform nutrition policy and food choices.

Scientific consensus affirms the importance of including dietary fat as part of a balanced eating pattern, particularly unsaturated fats, which play a vital role in reducing the risk of heart disease. Fat provides energy, supports cellular structure, and enables the absorption of essential nutrients such as vitamins A, D, E, and K (Sacks et al., 2017). However, not all fats affect health in the

same way. Leading health authorities recommend limiting saturated and trans fats because they raise levels of low-density lipoprotein (LDL) cholesterol and, in the case of trans fats, lower high-density lipoprotein (HDL) cholesterol. In contrast, unsaturated fats, such as those found in canola oil, can help lower LDL cholesterol when they replace saturated fats in the diet (Schwingshackl et al., 2018; Lin et al., 2013).

A substantial and consistent body of peer-reviewed research supports the safety and nutritional benefits of seed oils. The American Heart Association has recognized canola oil for its ability to reduce cholesterol and lower the risk of heart disease (Amiri et al., 2020; Ghobadi et al., 2019). It is naturally low in saturated fat and high in beneficial unsaturated fats, including omega-3 fatty acids (Jackson et al., 2024). Despite these well-established facts, the MAHA Commission's report disregards them entirely and fails to provide a balanced or scientifically rigorous evaluation of current nutrition literature (Petersen et al., 2025).

In 2006, the United States Food and Drug Administration authorized a qualified health claim for canola oil, citing evidence that consuming approximately 1.5 tablespoons of canola oil daily in place of saturated fat may reduce the risk of coronary heart disease (Lin et al., 2013). In 2018, the same qualified health claim was extended to edible oils high in oleic acid, defined as containing at least 70 percent oleic acid per serving, including high-oleic canola oil (Amiri et al., 2020). These decisions were based on substantial scientific evidence reviewed by federal regulatory authorities.

The American Heart Association also includes pure canola, olive, and corn oils in its Heart-Check Food Certification Program. These vegetable oils meet specific nutrition criteria and have been approved due to their association with reduced risk of heart disease (Sacks et al., 2017; Pourrajab et al., 2022). The Heart-Check mark on product labels helps consumers quickly identify heart-healthy options in grocery stores. In addition to the American Heart Association, other leading health organizations—including the American Academy of Family Physicians, the American Diabetes Association, and the Academy of Nutrition and Dietetics—consistently recommend canola oil as a healthy source of fat for everyday cooking and meal preparation (Petersen et al., 2024; Ghobadi et al., 2019).

A major concern with the MAHA Commission's report is its reliance on a single, outdated study to suggest that seed oils may cause inflammation. The 2008 paper referenced in the report primarily focuses on the Mediterranean diet and flaxseed consumption. It does not examine canola oil or other seed oils directly, nor does it provide a meaningful comparison between seed oils and other fats. Nevertheless, the Commission uses this study to imply a link between seed oils and inflammation—without any credible or current scientific backing. This type of selective and misleading use of evidence not only lacks rigor, but it also undermines public understanding and trust in nutritional science.

This selective use of evidence is especially troubling given the broader public messaging now surrounding the report. By creating a perception of harm where none has been scientifically proven, the Commission risks driving public behavior based on fallacy rather than fact—while simultaneously damaging the reputation of safe, nutritious crops produced by American farmers. In an effort to encourage the MAHA Commission to diversify its research and consider up-to-date scientific findings, we are sharing a compilation of studies that highlight the health benefits of seed oils, which can be found in the list of references below. It is essential that the MAHA Commission utilize consistently supported current research rather than relying on a few selectively chosen or outdated outliers.

However, our greatest concern is not the report itself, but the pattern of promoting, encouraging, and endorsing anti-seed oil movements. Examples include featuring Steak 'n Shake in a national Fox News interview alongside Secretary Kennedy—immediately after announcing it was removing seed oils and Secretary Kennedy applauding Starbucks for merely *suggesting* it might make changes to seed oil usage.

There seems to be, in effect, a coordinated pressure campaign that promotes companies with public praise and national media exposure for eliminating seed oils from their products. Businesses have a right to make their own decisions on what products they use, but the Administration should not infer to the public that there is a nutrition or health benefit associated with these decisions. It's not a regulatory action, but it functions like one and it has a significant impact on some U.S. farmers and businesses.

Undermining the public perception of seed oils without scientific justification, while simultaneously rewarding companies for removing them, damages consumer trust, distorts the marketplace, and unfairly harms some American farmers and businesses.

We urge your Administration to:

- 1. Reinforce that federal food policy will be driven by evidence, not influence or optics.
- 2. Ensure that **science-based viewpoints** are fully reflected in all MAHA-related processes and actions.
- 3. Stop **unofficial endorsement actions** that incentivize companies to make scientifically unsupported changes that are not based on nutrition and health concerns.

Thank you for your attention to this matter. We remain ready to work with your Administration to support a food system that is science-based and serves the interests of farmers and the American people.

Respectfully,

Tim Michelon

Tim Mickelson President

Cc:

Heidi Overton, MD, PhD

Deputy Assistant to the President for Domestic Policy

Calley Means, Senior Advisor Make America Healthy Again Commission

References:

- <u>Health Implications of Linoleic Acid and Seed Oil Intake.</u> Petersen KS, Messina M and Flickinger B. Nutr Today 2025; e1-7.
- Perspective on the health effects of unsaturated fatty acids and commonly consumed plant oils high in unsaturated fat. Petersen KS, Maki KC, Calder PC, Belury MA, Messina M, Kirkpatrick CF and Harris WS. Br J Nutr 2024; 132(8):1039-50.
- Beneficial effects of linoleic acid on cardiometabolic health: an update. Jackson KH, Harris WS, Belury MA, Kris-Etherton PM and Calder PC. Lipids Health Dis 2024; 23:296-303.
- Comparison of canola oil and olive oil consumption on the serum lipid profile in adults: a systematic review and meta-analysis of randomized controlled trials. Pourrajab B, Sharifi-Zahabi E, Soltani S, Shahinfar H and Shidfar F. Crit Rev Food Sci Nutr 2022; e1-e15
- <u>The Mediterranean and Nordic diet: a review of differences and similarities of two sustainable, health-promoting dietary patterns.</u> Krznarić Ž, Karas I, Ljubas Kelečić D and Vranešić Bender D. Front Nutr 2021; 8: 683-78.
- The effects of canola oil on cardiovascular risk factors: A systematic review and meta-analysis with dose-response analysis of controlled clinical trials. Amiri M, Raeisi-Dehkordi H, Sarrafzadegan N, Forbes SC, Salehi-Abargouei A. Nutr Metab Cardiovas. 2020; 30(2): 2133-45.
- Effects of a healthy Nordic diet on weight loss in adults: a systematic review and meta-analysis of randomized controlled clinical trials. Ramezani-Jolfaie N, Mohammadi M and Salehi-Abargouei A. Eat Weight Disord- 2020;25(5): 1141-50.
- <u>Dietary patterns and cognitive health in older adults: a systematic review.</u> Chen X, Maguire B, Brodaty H. and O'Leary F. J Alzheimers Dis 2019; 67(2): 583-619.
- Effects of Canola Oil Consumption on Lipid Profile: A Systematic Review and Meta-Analysis of Randomized Controlled Clinical Trials. Ghobadi S, Hassanzadeh-Rostami Z, Mohammadian F, Zare M and Faghih S. JACN 2019; 38(2): 185-96.
- Nordic diet and inflammation—A review of observational and intervention studies. Lankinen M, Uusitupa M and Schwab U. Nutrients 2019; 11(6): 1369-81.
- The effect of canola oil on body weight and composition: a systematic review and meta-analysis of randomized controlled clinical trials. Raeisi-Dehkordi H, Amiri M, Humphries KH and Salehi-Abargouei A. Adv Nutr 2019; 10(3): 419-32.
- Polyunsaturated fatty acids and glycemic control in type 2 diabetes.
 - Telle-Hansen VH, Gaundal L and Myhrstad MC. Nutrients 2019; 11(5): 1067-85.
- <u>Dietary fats and cardiometabolic disease: mechanisms and effects on risk factors and outcomes.</u> Wu JH, Micha, R and Mozaffarian D. Nat Rev Cardiol 2019; 16(10): 581-601.
- Effects of oils and solid fats on blood lipids: a systematic review and network meta-analysis.

 Schwingshackl L, Brogensberger B, Bencic A, Knuppel S, Boeing H and Hoffman G. J Lipid Res. 2018: 59: 1771-82.
- <u>Diet for stroke prevention.</u> Spence JD. Diet for stroke prevention. Stroke Vasc Neurol 2018; 3(2): 44-50.
- The effect of alpha-linolenic acid on glycemic control in individuals with type 2 diabetes: A systematic review and meta-analysis of randomized controlled clinical trials. Jovanovski E, Li D, Ho HVT, Djedovic V, Marques ADCR, Shishtar E, Mejia SB, Sievenpiper JL, de Souza RJ, Duvnjak L and Vuksan V. Medicine 2017; 96(21): e6531.
- <u>Dietary fats and cardiovascular disease: a presidential advisory from the American Heart</u>
 <u>Association.</u> Sacks FM, Lichtenstein AH, Wu JH, Appel LJ, Creager MA Kris-Etherton PM,
 Miller M, Rimm EB, Rudel LL, Robinson JG and Stone NJ. Circulation 2017; 136(3): e1-e23
- <u>Current evidence supporting the link between dietary fatty acids and cardiovascular disease.</u> Hammad S, Pu S and Jones PJ. Lipids 2016; 51(5): 507-17.

- The Evidence for α-Linolenic Acid and Cardiovascular Disease Benefits: Comaprison with Eicosapentaenoic Acid and Docosahexaenoic Acid. Fleming JA and Kris-Etherton PMK. Adv Nutr 2014; 5: 8635-765.
- Evidence of Health Benefits of Canola Oil. Lin L, Allemekinders H, Dansby A, Campbell L, Durance-Tod S, Berger A, and Jones PJH. Nut Rev 2013; 71(6): 370-85.
- <u>Dietary monounsaturated fatty acids are protective against metabolic syndrome and cardiovascular disease risk factors.</u> Gillingham LG, Harris-Janz S, Jones, PJH, Lipids; 2011; 46: 209-28.
- Review: Monounsaturated oils do not all have the same effect on plasma cholesterol. Treswell A, Choudhury N. Eur J Clin Nutr; 1998; 52(5): 312-5.
- The effects of sesame, canola, and sesame—canola oils on cardiometabolic markers in patients with type 2 diabetes: a triple-blind three-way randomized crossover clinical trial. Amiri M, Raeisi-Dehkordi H, Moghtaderi F, Zimorovat A, Mohyadini M and Salehi-Abargouei A. Eur J Nutr 2022; 61: 3499-516.
- The effect of sesame, canola, and sesame-canola oils on cardiometabolic risk factors in overweight adults: a three-way randomized triple-blind crossover clinical trial.

 Moghtaderi F, Amiri M, Raeisi-Dehkordi H, Zimorovat A, Mohyadini M and Salehi-Abargouei A. Phytother Res 2022; 36(2): 1043-57.
- Anti-inflammatory diet and incident peripheral artery disease: Two prospective cohort studies. Yuan S, Bruzelius M, Damrauer SM, Håkansson N, Wolk A, Åkesson A and Larsson SC. Clin Nutr 2022; 41(6): 1191-6.
- Cooking oil/fat consumption and deaths from cardiometabolic diseases and other causes: prospective analysis of 521,120 individuals. Zhang Y, Zhuang P, Wu F, He W, Mao L, Jia W, Zhang Y, Chen X and Jiao J. BMC Med 2021; 19(1): 92-106.
- Common variants in lipid metabolism-related genes associate with fat mass changes in response to dietary monounsaturated fatty acids in adults with abdominal obesity.

 Hammad SS, Eck P, Sihag J, Chen X, Connelly PW, Lamarche B, Couture P, Guay V, Maltais-Giguere J, West SG, Kris-Etherton PM, Bowen KJ, Jenkins DJA, Taylor CG, Perera D, Wilson A, Castillo S, Zahradka P, Jones PJH. J Nutr. 2019; 149(10): 1749-56.
- Diets enriched with conventional or high-oleic acid canola oils lower atherogenic lipids and lipoproteins compared to a diet with a western fatty acid profile in adults with central adiposity. Bowen KJ, Kris-Etherton PM, West SG, Fleming JA, Connelly PW, Lamarche B, Couture P, Jenkins DJA, Taylor CG, Zahradka P, Hammad S, Sihag J, Chen X, Guay V, Maltais-Giguère J, Perera D, Wilson A, Juan SCS, Rempel J and Jones PJH. J Nutr. 2019; 149(3): 471-8.
- Diets low in saturated fat with different unsaturated fatty acid profiles similarly increase serum-mediated cholesterol efflux from THP-1 macrophages in a population with or at risk for metabolic syndrome: The Canola Oil Multicenter Intervention Trial. Liu X, Garban J, Jones PJ, Vanden Heuvel J, Lamarche B, Jenkins DJ, Connelly PW, Couture P, Pu S, Fleming JA and West SG. J Nutr. 2018; 148(5): 721-8.
- Monounsaturated fats from plant and animal sources in relation to risk of coronary heart disease among US men and women. Zong G, Li Y, Sampson L, Dougherty LW, Willett WC, Wanders AJ, Alssema M, Zock PL, Hu FB and Sun Q. Am J Clin Nutr 2018; 107(3): 445-53.
- How canola and sunflower oils affect lipid profile and anthropometric parameters of participants with dyslipidemia. Saedi S, Noroozi, M, Khosrotabar N, Mazandarani S and Ghadrdoost B. Med J Islam Repub Iran 2017; 31: 5.
- <u>Dietary high oleic canola oil supplemented with docosahexaenoic acid attenuates plasma</u> proprotein convertase subtilisin kexin type 9 (PCSK9) levels in participants with cardiovascular disease risk: A randomized control trial. Pu S, Rodriguez-Perez C, Ramprasath VR, Segura-Carretero A, and Jones PJH. Vascul Pharmacol 2016; 87: 60-5.

- Rice bran oil and canola oil improve blood lipids compared to sunflower oil in women with type 2 diabetes: A randomized, single blind controlled trial. Salar A, Faghih S, Pishdad G-R. J Clin Lipidol March-April 2016; 10(2): 299-305.
- <u>Docosahexaenoic acid attenuates cardiovascular risk factors via a decline in proprotein</u> <u>convertase subtilisin/kexin type 9 (PCSK9) plasma levels.</u> Rodriguez-Perez C, Ramprasath VR, Pu S, Sabra A, Quirantes-Pine R, Segura-Carretero A and Jones PJH. Lipids 2016; 51(1): 75-83.
- Docosahexaenoic acid-enriched canola oil increases adiponectin concentrations: a randomized crossover controlled intervention trial. Baril-Gravel L, Labonte ME, Couture P, Vohl MC, Charest A, Guay V, Jenkins DA, Connelly PW, West S, Kris-Etherton, PM., Jones, P.J., Fleming, J.A., and Lamarche, B. Nutr Metab Cardiovasc Dis 2015; 25(1): 52-9.
- <u>Dietary rapeseed/canola oil supplementation reduces serum lipids and liver enzymes and alters</u> <u>postprandial inflammatory responses in adipose tissue compared to olive-oil supplementation in obese men.</u> Kruse M, von Loeffelholz C, Hoffman D, Pohlmann A, Seltmann A-C, Osterhoff M, Hornemann S, Pivovarova O, Rohn S, Jahreis G, Pfeiffer, A. Mol Nutr Food Res 2015; 59(3): 507-19.
- High-oleic canola oil consumption enriches LDL particle cholesteryl oleate content and reduces LDL proteoglycan binding in humans. Jones PJH, MacKay DS, Senanayake VK, Pu S, Jenkins DJ, Connelly PW, Lamarche B, Couture P, Kris-Etherton PM, West SG, Liu X, Fleming JA, Hantgan RR and Rudel LL. Atherosclerosis 2015; 238(2): 231-8.
- Effect of a low-fat diet enriched either with rapeseed oil or sunflower oil on plasma lipoproteins in children and adolescents with familial hypercholesterolaemia. Results of a pilot study.

 Negele L, Schneider B, Ristl R, Stulnig TM, Willfort-Ehringer A, Helk O and Widhalm K. Eur J Clin Nutr 2015; 69: 337-43.
- Randomized controlled trial to evaluate the effect of canola oil on blood vessel function in peripheral arterial disease: rationale and design of the Canola-PAD study. Enns JE, Zahradka P, Guzman RP, Baldwin A, Foot B and Taylor CG. J Clin Trials. 2014; 6: 117-25.
- Plasma fatty acid changes following consumption of dietary oils containing n-3, n-6, and n-9 fatty acids at different proportions: preliminary findings of the Canola Oil Multicenter Intervention Trial (COMIT). Senanayake VK, Pu S, Jenkins DA, Lamarche B, Kris-Etherton PM, West SG, Fleming JA, Liu X, McCrea CE and Jones PJH. Trials 2014; 15: 136.
- DHA-enriched high-oleic acid canola oil improves lipid profile and lowers predicted cardiovascular disease risk in the canola oil multicenter randomized controlled trial.

 Jones PJH, Senanayake VK, Pu S, Jenkins DJA, Connelly PW, Lamarche B, Couture P, Charest A, Baril-Gravel L, West SG, Liu X, Fleming JA, McCrea C and Kris-Etherton PM. Am J Clin Nutr 2014; 100(1): 88-97.
- <u>High-oleic rapeseed (canola) and flaxseed oils modulate serum lipids and inflammatory</u>
 <u>biomarkers in hypercholesterolaemic subjects.</u> Gillingham LG, Gustafson JA, Han SY, Jassal DS and Jones PJH. Br J Nutr 2011; 105(3): 417-27.
- Replacing dairy fat with rapeseed oil causes rapid improvement of hyperlipidaemia: a randomized controlled study. Iggman D, Gustafsson IB, Berglund L, Vessby B, Marckmann P and Riserus U. J Intern Med 2011; 270: 356-64.
- Effects of dietary cold-pressed turnip rapeseed oil and butter on serum lipids, oxidized LDL and arterial elasticity in men with metabolic syndrome. Palomaki A, Pohjantahti-Maaroos H, Wallenius M, Kankkunen P, Aro H, Husgafvel S, Pihlava JM and Oksanen K. Lipids Health Dis 2010 Dec 1; 9: 137-44.
- Elevated plasma fibrinogen caused by inadequate α-linolenic acid intake can be reduced by replacing fat with canola-type rapeseed oil. Seppänen-Laakso T, Laakso I, Lehtimäki T, Rontu R, Moilanen E, Solakivi T, Seppo L, Vanhanen H, Kiviranta K and Hiltunen R. Prostaglandins Leukot Essent Fatty Acids 2010 Jul;83(1): 45-54.

- <u>Alpha-Linolenic Acid and Risk of Nonfatal Acute Myocardial Infarction.</u> Campos H, Baylin A and Willett WC. Circulation 2008; 118: 339-45.
- Home use of vegetable oils, markers of systemic inflammation, and endothelial dysfunction among women. Esmaillzadeh A and Azadbakht L Am J Clin Nutr 2008; 88: 913-21.
- <u>Canola oil decreases cholesterol and improves endothelial function in patients with peripheral arterial occlusive disease a pilot study.</u> Stricker H, Duchini F, Facchini M and Mombelli G. Artery Research 2008; 2: 67-73.
- <u>Characteristics of the diet patterns tested in the optimal macronutrient intake trial to prevent heart disease (OmniHeart): options for a heart-healthy diet.</u> Swain JF, McCarron PB, Hamilton EF, Sacks FM and Appel LJ. J Am Diet Assoc 2008; 108: 257-65.
- Influence of three rapeseed oil-rich diets, fortified with a-linolenic acid, eicosapentaenoic acid or docosahexaenoic acid on the composition and oxidizability of low-density lipoproteins: results of a controlled study in healthy volunteers. Egert S, Somoza V, Kannenberg F, Fobker M, Krome K, Erbersdobler HF and Wahrburg U. Eur J Clin Nutr 2007; 61: 314-25.
- Postprandial effect of n-3 polyunsaturated fatty acids on apolipoprotein B-containing lipoproteins and vascular reactivity in type 2 diabetes. Hilpert, KF, West SG, Kris-Etherton PM, Hecker KD, Simpson NM and Alaupovic P. Am J Clin Nutr 2007; 85: 369-76.
- Phytosterols mixed with medium-chain triglycerides and high-oleic canola oil decrease plasma lipids in overweight men. Rudkowska I, Roynette CE, Nakhasi MDK and Jones PJH. Metab Clin Exp 2006; 55: 391-5.
- Palm and partially hydrogenated soybean oils adversely alter lipoprotein profiles compared with soybean and canola oils in moderately hyperlipidemic subjets. Vega-Lopez, S, Ausman LM, Jalbert SM, Erkkila AT and Lichtenstein AH. Am J Clin Nutr 2006; 84: 54-62.
- <u>Cholesterol lowering effects of nuts compared with a canola oil enriched cereal of similar fat composition.</u> Chisholm A, McAuley K, Mann J, Williams S and Skeaff M. Nutr Metab Cardiovasc Dis 2005; 15: 284.
- Acute effects of monounsaturated fatty acids with and without omega-3 fatty acids on vascular reactivity in individuals with type 2 diabetes. West SG, Hecker KD, Mustad VA, Nicholson S, Schoemer SL, Wagner P, Hinderliter AL, Ulbrecht J, Ruey P and Kris-Etherton PM. Diabetologia 2005; 48: 113.
- <u>Dietary mono- and polyunsaturated fatty acids similarly increase plasma apoliprotein A-IV concentrations in healthy men and women.</u> Kratz M, Wahrburg U, Eckardstein A, Ezeh B, Assmann G and Kronenberg F. J Nutr 2003; 133: 1821.
- Long-term monounsaturated fatty acid diets reduce platelet aggregation in healthy young subjects. Smith R, Kelly C, Fielding B, Hauton D, Sliva K, Nydahl M, Miller G and Williams C. Br J Nutr 2003; 90: 597.
- Effect of a rapeseed oil substituting diet on serum lipids & lipoproteins in children and adolescents with familial hypercholesterolemia. Gulesserian T and Widhalm K. J Am Coll Nutr 2002; 21: 103.
- <u>The effect of vegetable oil-based cheese on serum total and lipoprotein lipids.</u>

 Karvonen HM, Tapola NS, Uusitupa MI and Sarkkinen ES. Eur J Clin Nutr 2002; 56: 1094.
- <u>Dietary mono- and polyunsaturated fatty acids similarly affect LDL size in healthy men and women.</u> Kratz M, Gülbahçe E, Von Eckardstein A, Cullen P, Cignarella A and Assmann G. J Nutr 2002; 132: 715.
- Effects of dietary fatty acids on the composition and oxidizability of low-density lipoprotein. Kratz M, Cullen P, Kannenberg F, Kassner A, Fobker M and Abuja PM. Eur J Clin Nutr 2002; 56: 72.
- <u>Different effects of diets rich in olive oil, rapeseed oil and sunflower-seed oil on postprandial lipid and lipoprotein concentrations & on lipoprotein oxidation susceptibility.</u> Nielsen NS, Perdersen A, Sandstorm B, Marckmann P and Hoy C. B J Nutr 2002; 87: 489.

- Effects of diets containing olive oil, sunflower oil, or rapeseed oil on the hemostatic system.

 Junker R, Kratz M, Neufeld M, Erren M, Nofer JR and Schulte H. Thromb Haemost 2001; 85: 280.
- A diet containing rapeseed oil-based fats does not increase lipid peroxidation in humans when compared to a diet rich in saturated fatty acids. Sodergren E, Gustafsson IB, Basu S, Nourooz-Zadeh J, Nalsen C, Turpeinen A, Berglund L and Vessby B. Eur J Clin Nutr 2001; 55: 922.
- An olive oil-rich diet results in higher concentrations of LDL cholesterol and a higher number of LDL subfraction particles than rapeseed oil & sunflower oil diets. Pedersen A, Baumstark M, Marckmann P, Gylling H and Sandstrom B. J Lipid Res 2000; 41: 1901.
- <u>Dietary fats and lecithin-cholesterol acyltransferase activity in healthy humans.</u> Baudet MF and Jacotot B. Ann Nutr Metab 1998; 32: 352.
- Effects of butter oil blends with increased concentrations of stearic, oleic and linolenic acid on blood lipids in young adults. Becker CC, Lund P, Holmer G, Jensen H and Sandstrom B. Eur J Clin Nutr 1999; 53: 535.
- Mediterranean diet, traditional risk factors, and the rate of cardiovascular complications after myocardial infarction. de Lorgeril M, Salen P, Martin J-L, Monjaud I, Delaye J and Mamelle N. Circulation 1999; 99: 779.
- Effect of dietary alpha-linolenic acid on thrombotic risk factors in vegetarian men. Li D, Sinclair A, Wilson A, Nakkote S, Kelly F, Abedin L, Mann N and Turner A. Am J Clin Nutr 1999; 69: 872.
- Oil blends containing hydrogenated or interesterified fats: differential effects on plasma lipids. Noakes M and Clifton P. Am J Clin Nutr 1998; 68: 242.
- <u>Fat-modified diets influence serum concentrations of cholesterol precursors and plant sterols in hypercholesterolemic subjects.</u>
 - Sarkkinen ES, Uusitupa MI, Gylling H and Miettinen TA. Metabolism 1998; 47: 744.
- Varying dietary fat type of reduced-fat diets has little effect on the susceptibility of LDL to oxidative modification in moderately hypercholesterolemic subjects. Schwab US, Vogel S, Lammi-Keefe CJ, Ordovas JM, Schaefer EJ, Li ZG, Ausman LM, Gualtieri L, Goldin BR, Furr HC and Lichtenstein AH. J Nutr 1998; 128: 1703.
- Effect of psyllium in hypercholesterolemia at two monounsaturated fatty acid intakes.

 Jenkins D, Wolever T, Vidgen E, Kendall C, Ransom T, Mehling C, Mueller S, Cunnane S, O'Connell N, Stechell K, Lau H, Teitel J, Garvey M, Fulgoni V, Connelly P, Patten R and Corey P. Am J Clin Nutr 1997; 65: 1524.
- Effect on serum lipids of monounsaturated oil and margarine in the diet of an Antarctic expedition. Matheson B, Walker K, Taylor D, Pterkin R, Lugg D and O'Dea K. Am J Clin Nutr 1996; 63: 933.
- Comparison of effects of n-3 to n-6 fatty acids on serum level of lipoprotein(a) in patients with coronary artery disease. Herrmann W, Biermann J and Kostner GM. Am J Cardiol 1995; 76: 459.
- Polyunsaturated fatty-acids result in greater cholesterol-lowering and less triacylglycerol elevation than do monounsaturated fatty-acids in a dose-response comparison in a multiracial study-group. Howard BV, Hannah JS, Heiser CC, Jablonski KA, Paidi MC, Alarif L, Robbins DC and Howard WJ. Am J Clin Nutr 1995; 62: 392.
- The effect of supplemental dietary fat on plasma cholesterol levels in lovastatin-treated hypercholesterolemic patients. McKenney JM, Proctor JD, Wright JT Jr, Kolinski RJ, Elswick RK Jr and Coaker JS. Pharmacotherapy 1995; 15: 565.
- Similar effects of rapeseed oil (canola oil) and olive oil in a lipid-lowering diet for patients with hyperlipoprotienemia. Nydahl M, Gustafsson I, Ohrvall M and Vessby B. J Amer Coll Nutr 1995; 14: 643.

- Both dietary 18:2 and 16:0 may be required to improve the serum LDL/HDL cholesterol ratio in normocholesterolemic men. Sundram K, Hayes K and Siru O. Nutritional Biochemistry 1995; 179.
- Plasma and lipoprotein lipid peroxidation in humans on sunflower & rapeseed oil diets.

 Turpeinen A, Alfthan G, Valsta L, Hietanen E, Salonen J, Schunk H, Nyyssönen K and Mutanen M. Lipids 1995; 30: 485.
- The effects on serum lipoprotein levels of two monounsaturated fat rich diets differing in their linolenic and alpha-linolenic acid contents.
 - Valsta L, Jauhiainen M, Aro A, Salminen I and Mutanen M. Nutr Metab Cardiovasc Dis 1995; 5: 129.
- Comparison of the effects of two diets rich in monounsaturated fatty acids differing in their linolenic/alpha-linolenic acid ratio on platelet aggregation. Freese R, Mutanen M, Valstra, LM and Salminen I. Thromb Haemost 1994; 71: 73.
- A diet rich in monounsaturated rapeseed oil reduces the lipoprotein cholesterol concentration and increases the relative content of n-3 fatty acids in serum in hyperlipidemic subjects.

 Gustafsson IB, Vessby B, Ohrvall M and Nydahl M. Am J Clin Nutr 1994; 59(3): 667-74.
- Effect of dietary fat selection on plasma cholesterol synthesis in older, moderately hypercholesterolemic.humans.. Jones P, Lichtenstein A, Schaefer E and Namchuk G. Arterioscler Thromb 1994; 14: 542.
- Serum concentration and metabolism of cholesterol during rapeseed oil and squalene feeding. Miettinen TA and Vanhanen H. Amer J Clin Nutr 1994; 59: 356.
- Similar effects of rapeseed oil (canola oil) and olive oil in a lipid-lowering diet for patients with hyperlipoproteinemia. Miettinen TA and Vanhanen H. Am J Clin Nutr 1994; 59: 356.
- Similar serum lipoprotein cholesterol concentrations in healthy subjects on diets enriched with rapeseed and with sunflower oil. Nydahl M, Gustafsson I, Ohrvall M and Vessby B. Eur J Clin Nutr 1994; 48: 128.
- Effect of dietary alpha-linolenic acid and its ratio to linoleic acid on platelet and plasma fatty acids and thrombogenesis. Chan JK, McDonald BE and Gerrard JM. Lipids 1993; 28: 811.
- <u>Fatty Acid Composition and the Oxidation of Low-Density Lipoproteins</u>. Corboy J Sutherland, WH and Ball MJ. Biochem Med Metab Biol 1993; 49: 25-35
- Effects of canola, corn, and olive oils on fasting and postprandial plasma lipoproteins in humans as part of a national cholesterol education program Step 2 diet. Lichtenstein A, Ausman L, Carrasco W, Jenner J, Gualtieri L, Goldin B, Ordovas J and Schaefer E. Arterioscler Thromb 1993; 13: 1533.
- Replacement of margarine on bread by rapeseed and olive oils: Effects on plasma fatty acid composition and serum cholesterol. Seppänen-Laakso T, Vanhanen H, Laakso I, Kohtamäki H and Viikari J. Ann Nutr Metab 1993; 37: 161.
- <u>Dietary monounsaturated fatty acids enhance cholesterol efflux from human fibroblasts. Relation to fluidity, phospholipid fatty acid composition, overall composition, and size of HDL3.</u> Sola R, Motta C, Maille M, Bargallo M T, Boisnier C, Richard JL and Jacotot B. Arterioscler Thromb 13(7): 958-63.
- Rapeseed oil and sunflower oil diets enhance platelet in vitro aggregation and thromboxane production in healthy men when compared with milk fat or habitual diets.
 - Mutanen M, Freese R, Valsta L, Ahola I and Ahlström A. Thromb Haemost 1992; 67: 352.
- Replacement of butter on bread by rapeseed oil and rapeseed oil-containing margarine: Effects on plasma fatty acid composition and serum cholesterol. Seppänen-Laakso T, Vanhanen H, Kohtamäki H and Viikari J. Br J Nutr 1992; 68: 639.
- Replacement of margarine on bread by rapeseed and olive oils: Effects on plasma fatty acid composition and serum cholesterol. Seppänen-Laakso T, Vanhanen H, Laakso I, Kohtamaki H and Viikari J. Ann Nutr Metab 1992; 3: 161.

- Double blind comparison of plasma lipids in healthy subjects eating potato crisps fried in palm olein or canola oil. Truswell AS, Choudhury N and Roberts DCK. Nutr Res 1992; 12(Supplement 1): S43-52.
- Effects of a monounsaturated rapeseed oil and a polyunsaturated sunflower oil diet on lipoprotein levels in humans. Valsta L, Jauhiainen M, Aro A, Katan M and Mutanen M. Arterioscler Thromb 1992; 12: 50.
- Effects of canola oil on serum lipids in humans. Bierenbaum ML, Reichstein RP, Watkins TR, Maginnis WP and Geller M. J Am Coll Nutr 1991; 10: 228.
- <u>Dietary alpha-linolenic acid is as effective as oleic acid and linolenic acid in lowering blood</u>
 <u>cholesterol in normolipidemic men.</u> Chan JK, Bruce VM and McDonald BE. Am J Clin Nutr
 1991; 53: 1230.
- Effects of diets high in saturated fatty-acids, canola oil, or safflower oil on platelet-function, thromboxane-B2 formation, and fatty-acid composition of platelet phospholipids. Kwon JS, Snook JT, Wardlaw GM and Hwang DH. Am J Clin Nutr 1991; 54: 351.
- Serum lipid and apolipoprotein concentrations in healthy men on diets enriched in either canola oil or safflower oil. Wardlaw G, Snook J, Lin M-C, Puangco M, Kwon J. Am J Clin Nutr 1991; 54: 104.
- Accumulation of eicosapentaenoic acid in plasma phospholipids of subjects fed canola oil. Bruce VM and McDonald BE. Lipids 1990; 25: 598.
- Comparison of the effects of canola oil and sunflower oil on plasma lipids and lipoproteins and on in vivo thromboxane A2 and prostacyclin production in healthy young men.

 McDonald B, Gerrard J, Bruce V and Corner E. Am J Clin Nutr 1989; 50: 1382.
- <u>Dietary fats and lecithin-cholesterol acyltransferase activity in healthy humans.</u> Baudet MF, Jacotot B. Ann Nutr Metab 1988; 32: 352.
- <u>Influence of long-term diet modification on platelet function and composition in Moselle</u>
 <u>farmers</u>. Renaud S, Godsey F, Dumont E, Thevenon C, Ortchanian F and Martin JL. Am J
 Clin Nutr 1986; 43: 136.
- Comparison of Canola and Soybean Oils on Serum Lipid and Glucose Profiles and
 Anthropometric Parameters in Overweight and Obese Type 2 Diabetes Mellitus Patients: A
 Randomized Clinical Trial. Shahraki M, Rahati S, Keykhaei MA and Niknejad NJ. Food Sci
 Nutr Res 2022; 5(4): 702-11.
- Canola oil compared with sesame and sesame-canola oil on glycaemic control and liver function in patients with type 2 diabetes: A three-way randomized triple-blind cross-over trial. Raeisi-Dehkordi H, Amiri M, Zimorovat A, Moghtaderi F, Zarei S, Forbes SC and Salehi-Abargouei A. Diabetes Metab Res Rev 2021; 37(5): e3399.
- Polymorphisms in the stearoyl-CoA desaturase gene modify blood glucose response to dietary oils varying in monounsaturated fatty acid content in adults with obesity.

 Mutch DM, Lowry DE, Roth M, Sihag J, Hammad SS, Taylor CG, Zahradka P, Connelly PW, West SG, Bowen K, Kris-Etherton PM, Lamarche B, Couture P, Guay V, Jenkins DJA, Eck P, Jones PJH. Br J Nutr; 2021.
- The effects of canola and olive oils on insulin resistance, inflammation and oxidative stress in women with type 2 diabetes: a randomized and controlled trial. Atefi M, Pishdad GR and Faghih S. J Diabetes Metab Disord 2018; 17(2): 85-91.
- A very low carbohydrate, low saturated fat diet for type 2 diabetes management: A randomized trial. Tay J, Luscombe-March ND, Thompson CH, Noakes M, Buckley JD, Wittert GA, Yancy Jr WS, Brinkworth GD. Diabetes Care 2014; doi: 10.2337/dc14-0845.
- Effect of lowering the glycemic load with canola oil on glycemic control and cardiovascular risk factors: A randomized controlled trial. Jenkins DJ, Kendall CW, Vuksan V, Faulkner D, Augustin LS, Mitchell S, Ireland C, Srichaikul K, Mirrahimi A, Chiavaroli L, Blanco Mejia S, Nishi S, Sahye-Pudaruth S, Patel D, Bashyam B, Vidgen E, de Souza RJ, Sievenpiper JL, Coveney J, Josse RG, Leiter LA. Diabetes Care 2014; 37(7): 1806-14.

- The hypoglycemic effect of fat and protein is not attenuated by insulin resistance. Lan-Pidhainy X, Wolever TMS. AJCN 2010; 91: 98.
- <u>Dietary fats and prevention of type 2 diabetes.</u> Risérus U, Willett WC, Hu FB, Prog Lipid Res 2009; 48: 44.
- Effects of two high-fat diets with different fatty acid compositions on glucose and lipid metabolism in healthy young women. Uusitupa M, Schwab U, Mäkimattila S, Karhapāā P, Sarkkinen E, Maliranta H, Agren J, Penttilā I. Am J Clin Nutr 1994; 59: 1310.
- <u>Chemopreventative effects of dietary canola oil on colon cancer development</u>. Bhatia E, Doddivenaka C, Zhang X, Bommareddy A, Krishnan P, Matthees DP, Dwivedi C. Nutr Canc 2011; 63: 242.
- Effects of canola and corn oil mimetic on Jurkat cells. Ion G, Fazio K, Akinsete JA, Hardman WE. Lipids Health Dis 2011; Jun 1: 10: 90.
- Canola oil inhibits breast cancer cell growth in cultures and in vivo and acts synergistically with chemotherapeutic drugs. Cho K, Mabasa L, Fowler AW, Walsh DM, Park CS. Lipids 2010; 45: 777.
- Maternal consumption of canola oil suppressed mammary gland tumorigenesis in C3(1) Tag mice offspring. Ion G, Akinsete JA, Hardman WE. BMC Cancer 2010; 10: 81.
- <u>Dietary fat, cooking fat, and breast cancer risk in a multiethnic population.</u> Wang J, John EM, Horn-Ross PL, Ingles SA, Nutr Cancer 2008; 60: 492.
- Omega-3 PUFA: Good or bad for prostate cancer? Brouwer IA, Prostaglandins Leukot Essent Fatty Acids 2008; 79: 97.
- <u>Dietary canola oil suppressed growth of implanted MDA-MB 231 human breast tumors in nude mice</u>. Hardman WE. Nutr Canc 2007; 57: 177.
- High dietary omega-6 polyunsaturated fatty acids drastically increase the formation of etheno-DNA base adducts in white blood cells of female subjects. Nair J, Vaca CE, Velic I, Mutanen M, Valsta LM, Bartsch H. Cancer Epidemiol Biomarkers Prevent 1997; 6: 597.
- <u>Determination of DNA adducts of malonaldehyde in humans: effects of dietary fatty acid</u> <u>composition</u>. Fang JL, Vaca CE, Valsta LM, Mutanen M, Carcinogenesis 1996; 17: 1035.
- The effect of canola, sesame and sesame-canola oils on body fat and composition in adults: a triple-blind, three-way randomised cross-over clinical trial. Moghtaderi F, Amiri M, Zimorovat A, Raeisi-Dehkordi H, Rahmanian M, Hosseinzadeh M, Fallahzadeh H and Salehi-Abargouei A. Int J of Food Sci Nutr 2021; 72(2): 226-35.
- Comparison of the effect of rapeseed oil or amaranth seed oil supplementation on weight loss, body composition, and changes in the metabolic profile of obese patients following 3-week body mass reduction program: a randomized clinical trial.
 - Moszak M, Zawada A, Juchacz A, Grzymisławski M and Bogdański P. Lipids Health Dis 2020; 19(1): 1-11.
- Effects of canola and high-oleic-acid canola oils on abdominal fat mass in individuals with central obesity.
 - Liu X, Kris-Etherton PM, West SG, Lamarche B, Jenkins DJ, Fleming JA, McCrea CE, Pu S, Couture P, Connelly PW and Jones PJ. Obesity (Silver Spring). 2016 Nov; 24(11): 2261-8.
- <u>Interactions between obesity status and dietary intake of monounsaturated and polyunsaturated oils on human gut microbiome profiles in the canola oil multicenter intervention trial (COMIT)</u>. Pu S, Khazanehei H, Jones PJ, Khafipour E. Front Microbiol. 2016 Oct 10; 7: 1612. eCollection.
- <u>Interactions between dietary oil treatments and genetic variants modulate fatty acid</u> <u>ethanolamides in plasma and body weight composition</u>. Pu, S., Eck, P., Jenkins, D.J., Connelly, P.W., Lamarche, B., Kris-Etherton, P.M., West, S.G., Liu, X. and Jones, P.J. Br J Nutr 2016; 115(6): 1012-23.

- Weight loss with a modified Mediterranean-type diet using fat modification: a randomized controlled trial. Austel, A., Ranke, C., Wagner, M., Görge, Ellrott, T. Eur J Clin Nutr 2015; 69: 878-84.
- Modulation of plasma *N* -acylethanolamine levels and physiological parameters by dietary fatty acid composition in humans. Jones, P.J.H., Lin, L., Gillingham, L.G., Yang, H., Omar, J.M., J Lipid Res 2014; 55: 2655-64.
- Effect of a rapeseed oil-enriched hypoenergetic diet with a high content of α-linolenic acid on body weight and cardiovascular risk profile in patients with the metabolic syndrome.

 Baxheinrich A, Stratmann B, Lee-Barkey YH, Tschoepe D, Wahrburg U, Br J Nutr 2012; 108(4): 682-91.
- Effect of fat saturation on satiety, hormone release and food intake. Maljaars J, Romeyn EA, Haddeman E, Peters HPF, Masclee AAM. Am J Clin Nutr 2009; 89(4): 1019-24.
- Butter and plant-based oils intake and mortality. Zhang Y, Chadaideh KS, Li Y, Li Y, Gu X; Liu Y, Guasch-Ferré M, Rimm EB, Hu FB, Willett WC, Meir J. Stampfer MJ and Wang DD. JAMA Intern Med 2025; e1-12.
- The effects of canola and olive oils consumption compared to sunflower oil, on lipid profile and hepatic steatosis in women with polycystic ovarian syndrome: a randomized controlled trial. Yahay M, Heidari Z, Allameh Z and Amani R. Lipids Health Dis 2021; 20(1): 1-12.
- <u>Plant-sourced cooking oil consumption is associated with lower total mortality in a longitudinal nationwide cohort study.</u> Wu F, Mao L, Zhuang P, Chen X, Jiao J and Zhang Y. Clin Nutr 2020; 39(12): 3703-10.
- Associations of monounsaturated fatty acids from plant and animal sources with total and causespecific mortality in two US prospective cohort studies. Guasch-Ferré M, Zong G, Willett WC, Zock, PL, Wanders AJ, Hu, FB and Sun, Q, 2019. Circ Res; 124(8): 1266-75.
- Effect of a 6-month intervention with cooking oils containing a high concentration of monounsaturated fatty acids (olive and canola oils) compared with control oil in male Asian Indians with nonalcoholic fatty liver disease. Nigam P, Bhatt S, Misra A, Chadha DS, Vaidya M, Dasgupta J, Pasha QM. Diabetes Technol Ther 2014; 16(4): 255-61.
- Meal triacylglycerol profile modulates postprandial absorption of carotenoids in humans Goltz SR, Campbell WW, Chitchumroonchokchai C, Failla ML, Ferruzzi, MG. Mol Nutr Food Res 2012; 56(6): 866
- Growth of infants fed formula rich in canola oil (low erucic acid rapeseed oil). Rzehak P, Koletzko S, Koletzko B, Sausenthaler S, Reinrardt D, Grübl A, Bauer CP, Krämer U, Bollrath C, vonBerg A, Berdel D, Wichmann HE, Heinrich J. Clin Nutr 2011; 30: 339-45.
- Omega-3 fatty acid rich diet prevents diabetic renal disease. Garman JH, Mulroney S, Manigrasso M, Flynn E, Maric C. Am J Physiol Renal Physiol 2009; 296: F306.
- Effects of saturated and unsaturated fatty acids on estimated desaturase activities during a controlled dietary intervention. Warensjö E, Risérus U, Gustafsson IB, Mohsen R, Cederholm T, Vessby B. Nutr Metab Cardiovasc Dis 2008; 18: 683.
- Postprandial cytokine concentrations and meal composition in obese and lean women.

 Manning PJ, Sutherland WH, McGrath MM, de Jong SA, Walker RJ, Williams MJ. Obesity 2008; 16: 2046.
- Comparison of n-3 polyunsaturated fatty acids from vegetable oils, meat, and fish in raising platelet eicosapentaenoic acid levels in humans. Li D, Mann NJ, Sinclair AJ. Lipids 1999; 34: s309.
- Effects of supplemental dietary arginine, canola oil, and trace elements on cellular immune function in critically injured patients. Mendez C, Jurkovich GJ, Wener MH, Shock 1996; 6: 7.
- <u>Linolenic acid in rapeseed oil partly compensates for the effect of fish restriction on plasma long chain n-3 fatty acids</u>. Valsta L, Salminen I, Aro A, Mutanen M, Eur J Clin Nutr 1996; 50: 229.

- The Nordic Prudent Diet reduces risk of cognitive decline in the Swedish older adults: A population-based cohort study. Shakersain B, Rizzuto D, Larsson SC, Faxén-Irving G, Fratiglioni and Xu W-L. Nutrients 2018; 10(2): 229-44
- Modeled replacement of traditional soybean and canola oil with high-oleic varieties increased monounsaturated fatty acid and reduces both saturated fatty acid and polyunsaturated fatty acid intake in the US adult population. Raatz SK, Conrad Z, Jahns L, Belury MA, Picklo MJ. AM J Clin Nutr 2018; 108(3): 594-602.
- Effects of an isocaloric healthy Nordic diet on ambulatory blood pressure in metabolic syndrome : a randomized SYSDIET sub-study. Brader L, Uusitupa M, Dragsted LO, Hermansen K. Eur J Clin Nutr 2014; 68(1): 57-63.
- Effects of an isocaloric healthy Nordic diet on insulin sensitivity, lipid profile and inflammation markers in metabolic syndrome a randomized study (SYSDIET).
 - Uusitupa M, Hermansen K, Svolainen MJ, Schwab U, Kolehmainen M, Brader L, Mortensen LS, Cloetens, L, Johansson-Persson A, Onning G, Landin-Olsson M, Herzig KH, Hukkanen J, Rosqvist F, Iggmas D, Paananen J, Pulkki KJ, Siloaho M, Dragsted L, Barri T, Overvad K, Bach Knudsen KE, Hedemann MS, Arner P, Dahlman I, Borge GI, Baardseth P, Ulven SM, Gunnarsdottir I, Jónsdóttir S, Thorsdottir I, Orešič M, Poutanene KS, Risérus U, Akesson B. J Intern Med 2013; 274(1): 52-66.
- A systematic review of the evidence supporting a causal link between dietary factors and coronary heart disease. Mente A, de Koning L, Shannon HS, Anand SS Arch Intern Med 2009; 167: 659.
- <u>Towards health-promoting and environmentally friendly regional diets a Nordic example.</u> Bere E, Brug J. Public Health Nutr 2009; 12: 91.
- <u>Dietary modeling shows that the substitution of canola oil for fats commonly used in the United</u>
 <u>States would increase compliance with dietary recommendations for fatty acids</u>. Johnson GH,
 Keast DR, Kris-Etherton PM. J Am Diet Assoc 2007; 107: 1726.
- <u>Dietary omega-3 fatty acid intake and cardiovascular risk</u>. Psota TL, Gebauer SK, Kris-Etherton PM. Am J Cardiol 2006; 98S: 3i.
- <u>The Mediterranean-style diet for the prevention of cardiovascular diseases</u>. de Logeril M, Salen P. Pub Health Nutr 2006; 9(1A): 118-23.
- The Mediterranean diet: science and practice. Willett WC. Public Health Nutr 2006; 9: 105.
- Dietary intake of alpha-linolenic acid and risk of fatal ischemic heart disease among women. Hu FB, Stampfer MJ, Manson JE, Rimm E, Wolk A, Colditz GA, Hennekens CH, Willett WC. Am J Clin Nutr 1999; 69: 890.
- Epidemiological evidence of relationships between dietary polyunsaturated fatty acids & mortality in the multiple risk factor intervention trial. Dolecek TA. PSEBM 1992; 200: 177. Consumption of olive oil, butter, and vegetable oils & coronary heart disease risk factors.
- Trevisan M, Krough V, Freudenheim J, Blake A, Muti P, Panico S, Farinaro M, Menotti A, Ricci G. JAMA 1990; 263: 688