Feeding the Child's Mind

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Selected References

Abou-Saleh, M. T. and A. Coppen (2006). "Folic acid and the treatment of depression." J Psychosom Res 61(3): 285-287.

Adam, T. C., & Epel, E. S. (2007). Stress, eating and the reward system. Physiology & Behavior, 91, 449–458.

Adesman, A., et al. (2017). "Formula Feeding as a Risk Factor for Attention-Deficit/ Hyperactivity Disorder: Is Bisphenol A Exposure a Smoking Gun?" J Dev Behav Pediatr.

Akbaraly, T., et al. (2016). "Dietary inflammatory index and recurrence of depressive symptoms: Results from the Whitehall II Study." Clin Psychol Sci 4(6): 1125-1134.

Alpert, J. E., Mischoulon, D., Rubenstein, G. E., Bottonari, K., Nierenberg, A. A., & Fava, M. (2002). Folinic acid (Leucovorin) as an adjunctive treatment for SSRI-refractory depression. Annual Clinical Psychiatry, 14, 33–38.

Amminger, G. P., et al. (2013). "Omega-3 fatty acid supplementation in adolescents with borderline personality disorder and ultra-high risk criteria for psychosis: a post hoc subgroup analysis of a double-blind, randomized controlled trial." Can J Psychiatry 58(7): 402-408.

Anderson, G. (2017). "Linking the biological underpinnings of depression: Role of mitochondria interactions with melatonin, inflammation, sirtuins, tryptophan catabolites, DNA repair and oxidative and nitrosative stress, with consequences for classification and cognition." Prog Neuropsychopharmacol Biol Psychiatry.

Anglin, R. E., Z. Samaan, et al. (2013). "Vitamin D deficiency and depression in adults: systematic review and meta-analysis." Br J Psychiatry 202: 100-107.

Arnold LE. (2001) Alternative treatments for adults with attention-deficit hyperactivity disorder (ADHD). Ann N Y Acad Sci, 931:310-341.

Avena, N. M., Rada, P., & Hoebel, B. G. (2008). Evidence for sugar addiction: behavioral and neurochemical eff ects of intermittent, excessive sugar intake. Neuroscience and Biobehavioral Reviews, 32, 20–39.

Bahrami, F. (2013). "The importance of the transdiagnostic approach in treating obesity and comorbid psychological disorders such as ADHD." Acta Paediatr 102(10): e437-438.

Bateman, B., Warner, J. O., Hutchinson, E., Dean, T., Rowlandson, P., Gant, C., et al. (2004). The effects of a double-blind, placebo-controlled, artificial food colorings and benzoate preservative challenge on hyperactivity in a general population sample of preschool children. Archives of Disease in Childhood, 89, 506–511.

Baxter AJ, Patton G, Scott KM, Degenhardt L, Whiteford HA. (2013) Global epidemiology of mental disorders: what are we missing? PLoS One 2013; 8: e65514.

Bell, I. R., Edman, J. S., Morrow, F. D., Marby, D. W., Perrone, G., Kayne, H. L., et al. (1992). Brief communication. Vitamin B1, B2, and B6 augmentation of tricyclic antidepressant treatment in geriatric depression with cognitive dysfunction. Journal of the American College of Nutrition, 11, 159–163.

Benton, D. (2007). Th e impact of diet on anti-social, violent and criminal behaviour. Neuroscience and Biobehavioral Reviews, 31, 752–774.

Berk, M., et al. (2008). "N-acetyl cysteine for depressive symptoms in bipolar disorder--a double-blind randomized placebo-controlled trial." Biol Psychiatry 64(6): 468-475.

Berk, M., et al. (2008). "N-acetyl cysteine as a glutathione precursor for schizophrenia--a double-blind, randomized, placebo-controlled trial." Biol Psychiatry 64(5): 361-368.

Berk M, Williams LJ, Jacka FN, et al. (2015) So depression is an inflammatory disease, but where does the inflammation come from? BMC Med 2013; 11: 200.

Bested, A. C., et al. (2013). "Intestinal microbiota, probiotics and mental health: from Metchnikoff to modern advances: Part I - autointoxication revisited." Gut Pathog 5(1): 5.

Biederman J, et al. (2006) Young adult outcome of attention deficit hyperactivity disorder: A controlled 10-year follow-up study. Psychol Med, 36:167-179.

Biesalski, H.K., Brummer, R.J., Konig, J., O'Connell, M.A., Rechkemmer, G., Stos, K., et al. (2003). Micronutrient defi ciencies. Hohenheim Concensus Conference. European Journal of Nutrition, 42, 353–363.

Birch, E. E., Garfi eld, S., Hoff man, D R., Uauy, R., & Birch, D. G. (2000). A randomized controlled trial of early dietary supply of long-chain polyunsaturated fatty acids and mental development in term infants. Developmental Medicine & Child Neurology, 42(3), 174–181.

Bisaga, A., Katz, J. L., Antonini, A., Wright, C. E., Margouleff , C., Gorman, J. M., et al. (1998). Cerebral glucose metabolism in women with panic disorder. American Journal of Psychiatry, 155, 1178–1183.

Bloch, M. H. and A. Qawasmi (2011). "Omega-3 fatty acid supplementation for the treatment of children with attention-deficit/hyperactivity disorder symptomatology: systematic review and meta-analysis." J Am Acad Child Adolesc Psychiatry 50(10): 991-1000.

Blouin, A. G., Blouin, J., Bushnik, T., Braaten, J., Goldstein, C., & Sarwar, G. (1993). A double-blind placebo-controlled glucose challenge in bulimia nervosa: psychological effects. Biological Psychiatry, 33, 160–168.

Boris M, Mandel FS. (1994) Foods and additives are common causes of the attention deficit hyperactive disorder in children. Ann Allergy, 72:462-468.

Bowman S, Friday J, Thoerig R, Clemens J, Moshfegh A. (2014) Americans consume less added sugars and solid fats and consume more whole grains and oils: changes from 2003–04 to 2009–10. FASEB J 2014; 28 (suppl): 369.2.

Bradford, H. (1986). Chemical neurobiology. An introduction to neurochemistry. New York: W.H. Freeman and Co.

Brawley A, et al. (2004) Allergic rhinitis in children with attention-deficit/hyperactivity disorder. Ann Allergy Asthma Immunol, 92:663-667.

Carter CM, et al. (1993) Effects of a few food diet in attention deficit disorder. Arch Dis Child, 69:564-568.

Casazza, K., K. R. Fontaine, et al. (2013). "Myths, presumptions, and facts about obesity." N Engl J Med 368(5): 446-454.

Chalew, S. A., McLaughlin, J. V., Mersey, J. H., Adams, A. J., Cornblath, M., & Kowarski, A. A. (1984). The use of the plasma epinephrine response in the diagnosis of idiopathic postprandial syndrome. JAMA, 251, 612–615.

Chan E., Rappaport L. A., & Kemper KJ. (2003) Complementary and alternative therapies in childhood attention and hyperactivity problems. Journal of Developmental & Behavioral Pediatrics, 24(1):4–8.

Christakis, N. A., & Fowler, J. H. (2007). Th e spread of obesity in a large social network over 32 years. New England Journal of Medicine, 357, 370–9.

Christison, G. W., & Ivany, K. (2006). Elimination diets in autism spectrum disorders: any wheat amidst the chaff ? Journal of Developmental and Behavioral Pediatrics, 27, S162–S171.

Cortese, S., et al. (2016). "Association Between ADHD and Obesity: A Systematic Review and Meta-Analysis." Am J Psychiatry 173(1): 34-43.

Cowan, J., & Devine, C. (2008). Food, eating, and weight concerns of men in recovery from substance addiction. Appetite, 50, 33–42.

Cryan, J. F. and S. M. O'Mahony (2011). "The microbiome-gut-brain axis: from bowel to behavior." Neurogastroenterol Motil 23(3): 187-192

Cryan, J. F. and T. G. Dinan (2012). "Mind-altering microorganisms: the impact of the gut microbiota on brain and behaviour." Nat Rev Neurosci 13(10): 701-712

Curtis, L. T. and K. Patel (2008). "Nutritional and environmental approaches to preventing and treating autism and attention deficit hyperactivity disorder (ADHD): a review." J Altern Complement Med 14(1): 79-85.

Daneshparvar, M., et al. (2016). "The Role of Lead Exposure on Attention-Deficit/ Hyperactivity Disorder in Children: A Systematic Review." Iran J Psychiatry 11(1): 1-14.

Dinan, T. G., C. Stanton, et al. (2013). "Psychobiotics: a novel class of psychotropic." Biol Psychiatry 74(10): 720-726

Egger, J., Carter, C. M., Soothill, J. F., & Wilson, J. (1989). Oligoantigenic diet treatment of children with epilepsy and migraine. Journal of Pediatrics, 114, 51–58.

Ek, J., Stensrud, M., & Reichelt, K. L. (1999). Gluten-free diet decreases urinary peptide levels in children with celiac disease. Journal of Pediatric Gastroenterology and Nutrition, 29, 282–285.

Eskenazi, B., K. Huen, et al. (2010). "PON1 and neurodevelopment in children from the CHAMACOS study exposed to organophosphate pesticides in utero." Environ Health Perspect 118(12): 1775-1781.

Evans, S. J., et al. (2012). "Association of plasma omega-3 and omega-6 lipids with burden of disease measures in bipolar subjects." J Psychiatr Res 46(11): 1435-1441.

Faraone SV, et al. The worldwide prevalence of ADHD: is it an American condition? World Psychiatry 2003;2:104-113.

Field, J. B. (1989). Hypoglycemia. Defi nition, clinical presentations, classifi cation, and laboratory tests. Endocrinology and Metabolism Clinics of North America, 18, 27–43.

Fluegge, K. (2016). "The possible role of air pollution in the link between ADHD and obesity." Postgrad Med 128(6): 573-576.

Fluegge, K. (2016). "The possible role of air pollution in the link between ADHD and obesity." Postgrad Med 128(6): 573-576.

Fukudome, S., Shimatsu, A., Suganuma, H., & Yoshikawa, M. (1995). Eff ect of gluten exorphins A5 and B5 on the postprandial plasma insulin level in conscious rats. Life Sciences, 57, 729–734.

Gardner, A. and R. G. Boles (2011). "Beyond the serotonin hypothesis: mitochondria, inflammation and neurodegeneration in major depression and affective spectrum disorders." Prog Neuropsychopharmacol Biol Psychiatry 35(3): 730-743.

Gesch, C. B., et al. (2002). "Influence of supplementary vitamins, minerals and essential fatty acids on the antisocial behaviour of young adult prisoners. Randomised, placebo-controlled trial." Br J Psychiatry 181: 22-28.

Gibson, E. L. (2006). Emotional infl uences on food choice: sensory, physiological and psychological pathways. Physiology & Behavior, 89, 53–61.

Gilbody, S., Lewis, S., & Lightfoot, T. (2007). Methylenetetrahydrofolate reductase (MTHFR) genetic polymorphisms and psychiatric disorders: A HuGE review. American Journal of Epidemiology, 165, 1–13.

Golomb, B. A., M. A. Evans, et al. (2012). "Trans fat consumption and aggression." PLoS One 7(3): e32175.

Gow, R. V., et al. (2013). "Omega-3 fatty acids are related to abnormal emotion processing in adolescent boys with attention deficit hyperactivity disorder." Prostaglandins Leukot Essent Fatty Acids 88(6): 419-429.

Grant, J. E., et al. (2009). "N-acetylcysteine, a glutamate modulator, in the treatment of trichotillomania: a double-blind, placebo-controlled study." Arch Gen Psychiatry 66(7): 756-763

Gungor, S., et al. (2016). "Malnutrition and Obesity in Children With ADHD." J Atten Disord 20(8): 647-652.

Hadjivassiliou, M., Gibson, A., Davies-Jones, G. A., Lobo, A. J., Stephenson, T. J., & Milford-Ward, A. (1996). Does cryptic gluten sensitivity play a part in neurological

illness? Lancet, 347, 369–371.

Hadjivassiliou, M., D. S. Sanders, et al. (2010). "Gluten sensitivity: from gut to brain." Lancet Neurol 9(3): 318-330.

Hole, K., Lingjaerde, O., Morkrid, L., Boler, J. B., Saelid, G., Diderichsen, J., et al. (1988). Attention defi cit disorders: A study of peptide-containing urinary complexes. Journal of Developmetnal and Behavioral Pediatrics, 9, 205–212.

Jacka FN, Sacks G, Berk M, Allender S. (2014) Food policies for physical and mental health. BMC Psychiatry 2014; 14: 132.

Janssen, C. I., et al. (2016). "The Effect of a High-Fat Diet on Brain Plasticity, Inflammation and Cognition in Female ApoE4-Knockin and ApoE-Knockout Mice." PLoS One 11(5): e0155307.

Kan, C., N. Silva, et al. (2013). "A systematic review and meta-analysis of the association between depression and insulin resistance." Diabetes Care 36(2): 480-489.

Kang, J. X. and E. D. Gleason (2013). "Omega-3 Fatty acids and hippocampal neurogenesis in depression." CNS Neurol Disord Drug Targets 12(4): 460-465.

Kiecolt-Glaser, J. K., M. A. Belury, et al. (2011). "Omega-3 supplementation lowers inflammation and anxiety in medical students: a randomized controlled trial." Brain Behav Immun 25(8): 1725-1734.

Kilkens, T. O., Honig, A., Maes, M., Lousberg, R., & Brummer, R. J. (2004). Fatty acid profile & aff ective dysregulation in irritable bowel syndrome. Lipids, 39, 425–431.

Kim, Y. and H. Chang (2011). "Correlation between attention deficit hyperactivity disorder and sugar consumption, quality of diet, and dietary behavior in school children." Nutr Res Pract 5(3): 236-245.

Kinross, J. M., et al. (2011). "Gut microbiome-host interactions in health and disease." Genome Med 3(3): 14.

Kontogianni, M. D., Zampelas, A., & Tsigos, C. (2006). Nutrition and inflammatory load. Annals of the New York Academy of Sciences, 1083, 214–238.

Krummel DA, et al. (1996) Hyperactivity: is candy causal? Crit Rev Food Sci Nutr, 36:31-47.

Lai, J. S., et al. (2014). "A systematic review and meta-analysis of dietary patterns and depression in community-dwelling adults." Am J Clin Nutr 99(1): 181-197.

Lazarou, C. and M. Kapsou (2010). "The role of folic acid in prevention and treatment of depression: an overview of existing evidence and implications for practice." Complement Ther Clin Pract 16(3): 161-166.

Leonetti, F., Foniciello, M., Iozzo, P., Riggio, O., Merli, M., Giovannetti, P., et al. (1996). Increased nonoxidative glucose metabolism in idiopathic reactive hypoglycemia. Metabolism, 45, 606–610.

Lin, P. Y., & Su, K. P. (2007). A meta-analytic review of double-blind, placebo-controlled trials of antidepressant effi cacy of omega-3 fatty acids. Journal of Clinical Psychiatry, 68, 1056–1061.

Liu, J. J., H. C. Galfalvy, et al. (2013). "Omega-3 polyunsaturated fatty acid (PUFA) status in major depressive disorder with comorbid anxiety disorders." J Clin Psychiatry 74(7): 732-738.

Logan AC, Jacka FN. (2014) Nutritional psychiatry research: an emerging discipline and its intersection with global urbanization, environmental challenges and the evolutionary mismatch. J Physiol Anthropol 2014; 33: 22.

McGrath, J. J., D. W. Eyles, et al. (2010). "Neonatal vitamin D status and risk of schizophrenia: a population-based case-control study." Arch Gen Psychiatry 67(9): 889-894.

Maes, M., Christophe, A., Delanghe, J., Altamura, C., Neels, H., & Meltzer, H. Y. (1999). Lowered omega3 polyunsaturated fatty acids in serum phospholipids and cholesteryl esters of depressed patients. Psychiatry Research, 85, 275–291.

Milich, R., Wolraich, M., & Lindgren, S. (1986). Sugar and hyperactivity: A critical review of empirical findings. Clinical Psychology Review, 6, 493–513.

Mossaheb, N., et al. (2013). "Effect of omega-3 fatty acids for indicated prevention of young patients at risk for psychosis: When do they begin to be effective?" Schizophr Res 148(1-3): 163-167.

Mueller, D. P. (1981). Th e current status of urban-rural diff erences in psychiatric disorder. An emerging trend for depression. Journal of Nervous and Mental Disease, 169, 18–27.

Musselman, D. L., Betan, E., Larsen, H., & Phillips, L. S. (2003). Relationship of depression to diabetes types 1 and 2: epidemiology, biology, and treatment. Biological Psychiatry, 54, 317–329.

Napoli, C., & Palinski, W. (2005). Neurodegenerative diseases: insights into pathogenic mechanisms from atherosclerosis. Neurobiology of Aging, 26, 293–302.

Nedvidkova, J., Kasafirek, E., Dlabac, A., & Felt, V. (1985). Effect of beta-casomorphin and its analogue on serum prolactin in the rat. Experimental and Clinical Endocrinology, 85, 249–252.

Nemets, H., Nemets, B., Apter, A., Bracha, Z., & Belmaker R. H. (2006). Omega-3 treatment of childhood depression: A controlled, double-blind pilot study. American Journal of Psychiatry, 163(6), 1098–1100.

Niederhofer H, Pittschieler K. (2006) A preliminary investigation of ADHD symptoms in persons with celiac disease. J Atten Disord,10:200-204.

Nigg, J. T., K. Lewis, et al. (2012). "Meta-analysis of attention-deficit/hyperactivity disorder or attention-deficit/hyperactivity disorder symptoms, restriction diet, and synthetic food color additives." J Am Acad Child Adolesc Psychiatry 51(1): 86-97

O'Neil, A., et al. (2014). "Relationship between diet and mental health in children and adolescents: a systematic review." Am J Public Health 104(10): e31-42.

O'Neil, A., et al. (2014). "Preventing mental health problems in offspring by targeting dietary intake of pregnant women." BMC Med 12: 208.

Packer, L., Sies, Helmut, Eggersdorfer, Manfred And Cadenas, Enrique, (2010) Micronutrients And Brain Health New York, CRC Press

Papakostas, G. I., et al. (2004). "Serum folate, vitamin B12, and homocysteine in major depressive disorder, Part 1: predictors of clinical response in fluoxetine-resistant depression." J Clin Psychiatry 65(8): 1090-1095.

Patisaul, H. B., A. W. Sullivan, et al. (2012). "Anxiogenic effects of developmental bisphenol A exposure are associated with gene expression changes in the juvenile rat amygdala and mitigated by soy." PLoS One 7(9): e43890.

Pearson, S., M. Schmidt, et al. (2010). "Depression and insulin resistance: cross-sectional associations in young adults." Diabetes Care 33(5): 1128-1133.

Peet, M. (2008). "Omega-3 polyunsaturated fatty acids in the treatment of schizophrenia." Isr J Psychiatry Relat Sci 45(1): 19-25.

Pelsser, L. M., et al. (2009). "A randomised controlled trial into the effects of food on ADHD." Eur Child Adolesc Psychiatry 18(1): 12-19.

Pelsser, L. M., et al. (2010). "Effects of food on physical and sleep complaints in children with ADHD: a randomised controlled pilot study." Eur J Pediatr 169(9): 1129-1138.

Pelsser, L. M., et al. (2017). "Diet and ADHD, Reviewing the Evidence: A Systematic Review of Meta-Analyses of Double-Blind Placebo-Controlled Trials Evaluating the Efficacy of Diet Interventions on the Behavior of Children with ADHD." PLoS One 12(1): e0169277.

Petty, Richard G. (2007) Alternative Medicine Alerts, 7: 82-86

Psaltopoulou, T., et al. (2013). "Mediterranean diet, stroke, cognitive impairment, and depression: A meta-analysis." Ann Neurol 74(4): 580-591.

Reichelt, K. L., Hole, K., Hamberger, A., Saelid, G., Edminson, P. D., Braestrup, C. B., et al. (1981). Biologically active peptide-containing fractions in schizophrenia and childhood autism. Advances in Biochemical Psychopharmacology, 28, 627–643.

Reichelt, K. L., & Knivsberg, A. M. (2003). Can the pathophysiology of autism be explained by the nature of the discovered urine peptides? Nutritional Neuroscience, 6, 19–28.

Rosenkranz, M. A. (2007). Substance P at the nexus of mind and body in chronic inflammation and affective disorders. Psychological Bulletin, 133, 1007–1037.

Rowe KS. (1998) Synthetic food colourings and 'hyperactivity': A double-blind crossover study. Aust Paediatr J, 24:143-147.

Rucklidge JJ, Kaplan BJ. (2013) Broad-spectrum micronutrient formulas for the treatment of psychiatric symptoms: a systematic review. Expert Rev Neurother, 13: 49–73.

Ryan, J. P., L. K. Sheu, et al. (2012). "A neural circuitry linking insulin resistance to depressed mood." Psychosom Med 74(5): 476-482.

San Mauro Martin, I., et al. (2017). "Nutritional and environmental factors in attention-deficit hyperactivity disorder (ADHD): A cross-sectional study." Nutr Neurosci: 1-7.

Sanchez-Villegas, A., et al. (2013). "Mediterranean dietary pattern and depression: the PREDIMED randomized trial." BMC Med 11: 208.

Sarris, J., et al. (2012). "Omega-3 for bipolar disorder: meta-analyses of use in mania and bipolar depression." J Clin Psychiatry 73(1): 81-86.

Sarris, J., et al. (2015). "International Society for Nutritional Psychiatry Research consensus position statement: nutritional medicine in modern psychiatry." World Psychiatry 14(3): 370-371.

Sarris, J., et al. (2015). "Nutritional medicine as mainstream in psychiatry." Lancet Psychiatry 2(3): 271-274.

Schab DW, Trinh NH. (2004) Do artificial food colors promote hyperactivity in children with hyperactive syndromes? A meta-analysis of double-blind placebo-controlled trials. J Dev Behav Pediatr, 25:423-434.

Spring, B., Schneider, K., Smith, M., Kendzor, D., Appelhans, B., Hedeker, D., et al. (2008). Abuse potential of carbohydrates for overweight carbohydrate cravers. Psychopharmacology (Berl), 197, 637–647.

Suglia, S. F., S. Solnick, et al. (2013). "Soft Drinks Consumption Is Associated with Behavior Problems in 5-Year-Olds." J Pediatr. Aug 19. pii: S0022-3476

Teegarden, S. L., & Bale, T. L. (2007). Decreases in dietary preference produce increased emotionality and risk for dietary relapse. Biological Psychiatry, 61, 1021–1029.

Tryphonas H, Trites R. Food allergy in children with hyperactivity, learning disabilities and/or minimal brain dysfunction. Ann Allergy 1979;42:22-27.

Vancassel S, Blondeau C, Lallemand S, Cador M, Linard A, Lavialle M, et al. (2007) Hyperactivity in the rat is associated with spontaneous low level of n-3 polyunsaturated fatty acids in the frontal cortex. Behav Brain Res

Van der Oord, S., et al. (2017). "Testing the dual pathway model of ADHD in obesity: a pilot study." Eat Weight Disord.

Wolraich ML, Lindgren SD, Stumbo PJ, Stegink LD, Appelbaum MI, Kiritsy MC: (1994) Effects of diets high in sucrose or aspartame on the behavior and cognitive performance of children. N Engl J Med 1994;330:301–307.

Wolraich ML, Wilson DB, White JW. (1995) The effect of sugar on behavior or cognition in children—a meta analysis. JAMA. 274(20):1617–21

Wright, J. H., Jacisin, J. J., Radin, N. S., & Bell, R. A. (1978). Glucose metabolism in uni-polar depression. British Journal of Psychiatry, 132, 386–393.

Yang, B. Z., H. Zhang, et al. (2013). "Child abuse and epigenetic mechanisms of disease risk." Am J Prev Med 44(2): 101-107.

Yehuda, S., Rabinovitz, S., & Mostofsky, D. I. (2005). Essential fatty acids and the brain: from infancy to aging. Neurobiology of Aging, 26 (Suppl 1), 98–102.

Yeo, M., K. Berglund, et al. (2013). "Bisphenol A delays the perinatal chloride shift in cortical neurons by epigenetic effects on the Kcc2 promoter." Proc Natl Acad Sci U S A 110(11): 4315-4320.

Yeomans, M. R. (2017). "Adverse effects of consuming high fat-sugar diets on cognition: implications for understanding obesity." Proc Nutr Soc: 1-11.

Yu, C. J., et al. (2016). "Sugar-Sweetened Beverage Consumption Is Adversely Associated with Childhood Attention Deficit/Hyperactivity Disorder." Int J Environ Res Public Health 13(7).

Zanarini, M. C. and F. R. Frankenburg (2003). "omega-3 Fatty acid treatment of women with borderline personality disorder: a double-blind, placebo-controlled pilot study." Am J Psychiatry 160(1): 167-169.

Zhong, J., et al. (2017). "B vitamins attenuate the epigenetic effects of ambient fine particles in a pilot human intervention trial." Proc Natl Acad Sci U S A 114(13): 3503-3508.

Zioudrou, C., Streaty, R. A., & Klee, W. A. (1979). Opioid peptides derived from food proteins. Th e exorphins. Journal of Biological Chemistry, 254, 2446–2449.