

References Digestive Wellness 4th Edition

Author's Preface

- Hanaway, P. (2009, July 17-19). *Fire in the Gut Part I: Assessment of Oxidative Stress and Inflammation in Gastrointestinal Dysfunction*. Paper presented at the Advanced Practice Module: Restoring Gastrointestinal Equilibrium, Washington DC.
- Hanaway, P., Lipski, E., Lukaczer, D., Mullin, G., & Sult, T. . (2010, February 19-21). *Restoring Gastrointestinal Equilibrium: Practical Applications for Understanding, Assessing, and Treating Gut Dysfunction* Paper presented at the Restoring Gastrointestinal Equilibrium: Practical Applications for Understanding, Assessing, and Treating Gut Dysfunction, Austin, TX.
- Jones, D. S., Hofmann, L., & Quinn, S. . (2009). *21st Century Medicine: A New Model for Medical Education and Practice*. Gig Harbor, WA: Institute for Functional Medicine. **(Jones, 2009)**

Part I: Fundamentals

Chapter 1:

- ASDReports. (October 2008). World Gastrointestinal Disorders Market 2008-2023 Retrieved 4-2, 2009, from <http://www.asdreports.com/shopexd.asp?id=344>
- Cohen, S. (2005). Keynote Presentation at the Eight International Congress of Behavioral Medicine: the Pittsburgh common cold studies: psychosocial predictors of susceptibility to respiratory infectious illness. *Int J Behav Med*, 12(3), 123-131. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=16083315>. doi: 10.1207/s15327558ijbm1203_1
- Kallio, P., Kolehmainen, M., Laaksonen, D. E., Kekalainen, J., Salopuro, T., Sivenius, K., et al. (2007). Dietary carbohydrate modification induces alterations in gene expression in abdominal subcutaneous adipose tissue in persons with the metabolic syndrome: the FUNGENUT Study. *Am J Clin Nutr*, 85(5), 1417-1427. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=17490981>. doi: 85/5/1417 [pii]
- Ornish, D., Magbanua, M. J., Weidner, G., Weinberg, V., Kemp, C., Green, C., et al. (2008). Changes in prostate gene expression in men undergoing an intensive nutrition and lifestyle intervention. *Proc Natl Acad Sci U S A*, 105(24), 8369-8374. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=18559852>. doi: 0803080105 [pii] 10.1073/pnas.0803080105
- Pert, C. B. (1997). *Molecules of emotion : why you feel the way you feel*. New York, NY: Scribner.
- ASDReports. (October 2008). World Gastrointestinal Disorders Market 2008-2023 Retrieved 4-2, 2009, from <http://www.asdreports.com/shopexd.asp?id=344>
- Cohen, S. (2005). Keynote Presentation at the Eight International Congress of Behavioral Medicine: the Pittsburgh common cold studies: psychosocial predictors of susceptibility to respiratory infectious illness. *Int J Behav Med*, 12(3), 123-131. <http://www.ncbi.nlm.nih.gov/pubmed/16083315> doi: 10.1207/s15327558ijbm1203_1
- Jones, D. S., Hofmann, L., & Quinn, S. . (2009). *21st Century Medicine: A New Model for Medical Education and Practice*. Gig Harbor, WA: Institute for Functional Medicine.

Chapter 2: A Voyage through the Digestive System

- Barrett, K. E., Barman, MS., Boitano, S., Brooks, H.L. (2010). *Ganong's Review of Medical Physiology, 23rd Edition*. New York, NY: McGraw Hill/Lange.
- Bland, J., & Benum, S. H. (1997). *The 20-day rejuvenation diet program : with the revolutionary Phytonutrient Diet*. New Canaan, Conn.: Keats Pub.
- Gershon, M. D. (1998). *The second brain : the scientific basis of gut instinct and a groundbreaking new understanding of nervous disorders of the stomach and intestine* (1st ed.). New York, NY: HarperCollinsPublishers.
- Gropper SS, S. J., Groff JL. (2004). *Advanced Nutrition and Human Metabolism*. Belmont CA: Thompson Wadsworth.
- Keshav, S. (2004). *The Gastrointestinal System at a Glance*: Blackwell Science.
- Liska DA, B. J. (2006). "Digestion and Excretion" *Textbook of Functional Medicine* (pp. 198). Gig Harbor, WA: Institute for Functional Medicine.
- MacKay, D. (2003). Can CAM therapies help reduce antibiotic resistance? *Altern Med Rev*, 8(1), 28-42. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12611559
- Mahan, L., Escott-Stump, S. . (2008). *Krause's Food and Nutrition Therapy, 12th edition*. . St. Louis, MO Saunders Elsevier.
- Martin, L. (1999). What is the function of the human appendix? Did it once have a purpose that has since been lost? *Scientific American*(October 21). <http://www.scientificamerican.com/article.cfm?id=what-is-the-function-of-t>
- Thompson, T. (1997). *Approach to Gastrointestinal Immune Dysfunction and Related Health Problems*. Paper presented at the 4th International Functional Medicine Symposium, Aspen, CO.

Part II The DIGIN Model and the 5 Rs

- Hanaway, P., Lipski, E., Lukaczer, D., Mullin, G., & Sult, T. (2010, February 19-21). *Restoring Gastrointestinal Equilibrium: Practical Pplications for Understanding, Assessing, and Treating Gut Dysbunction* Paper presented at the Restoring Gastrointestinal Equilibrium: Practical Pplications for Understanding, Assessing, and Treating Gut Dysbunction, Austin, TX. Also presented in 2009 in Los Angeles, and Washington, DC.

Chapter 3 Digestion/Absorption: Replace and Repair

- Bender DA. (2002). *Introduction to Nutrition and Metabolism, 3rd edition*, . London: Taylor and Francis Pub.
- Brody, T. (1999). *Nutritional biochemistry* (2nd. ed.). San Diego: Academic Press.
- Castell, D. (1975). Diet and the lower esophageal sphincter. *A J Clin Nut*, 28, 1296-1298.
- de Witte, T. J., Geerdink, P. J., Lamers, C. B., Boerbooms, A. M., & van der Korst, J. K. (1979). Hypochlorhydria and hypergastrinaemia in rheumatoid arthritis. *Ann Rheum Dis*, 38(1), 14-17. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=434940
- Eastell, R., Vieira, N. E., Yergey, A. L., Wahner, H. W., Silverstein, M. N., Kumar, R., & Riggs, B. L. (1992). Pernicious anaemia as a risk factor for osteoporosis. *Clin Sci (Lond)*, 82(6), 681-685. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=1320549
- Fuller, D. (1999). *The healing power of enzymes*. New York: Forbes Custom Pub.
- Gaskin DJ., I. J. (2009). Lactose Maldigestion Revisited: Diagnosis, Prevalence in Ethnic Minorities, and Dietary Recommendations to Overcome it. [6-3-10]. *Amer J of Lifestyle Medicine*, May/June, 212-217.
- Gudmand-Hoyer, E., & Skovbjerg, H. (1996). Disaccharide digestion and maldigestion. *Scand J Gastroenterol Suppl*, 216, 111-121. <http://www.ncbi.nlm.nih.gov/pubmed/8726284>
- Hanaway, P., Lipski, E., Lukaczer, D., Mullin, G., & Sult, T. . (2010, February 19-21). *Restoring Gastrointestinal Equilibrium: Practical Pplications for Understanding, Assessing, and Treating Gut Dysbunction* Paper presented at the Restoring Gastrointestinal Equilibrium: Practical Pplications for Understanding, Assessing, and Treating Gut Dysbunction, Austin, TX.
- Lehninger, A. L., Nelson, D. L., & Cox, M. M. (1993). *Principles of biochemistry* (2nd ed.). New York, NY: Worth Publishers.
- Mamadou, M. (1999). "Oral Enzymes: Facts and Concepts". Houston, TX: Transformation Enzyme Corp. .
- Murray M, P. J. (1999). *Textbook of Natural Medicine, Second Edition*. NY: Churchill Livingstone, division of Harcourt Brace.
- Wright, J. (2001). *Why Stomach Acid is Good for You*. Lanham, MD: M. Evans.

Chapter 4 Intestinal Permeability/Leaky Membranes

- Bahna, S. (2001). Unusual presentations of food allergy. *Ann Allergy Asthma Immunol*, 86, 414-420.
- Barau, E., & Dupont, C. (1990). Modifications of intestinal permeability during food provocation procedures in pediatric irritable bowel syndrome. *J Pediatr Gastroenterol Nutr*, 11(1), 72-77. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=2117653
- Brun, P., Castagliuolo, I., Di Leo, V., Buda, A., Pinzani, M., Palu, G., & Martines, D. (2007). Increased intestinal permeability in obese mice: new evidence in the pathogenesis of nonalcoholic steatohepatitis. *Am J Physiol Gastrointest Liver Physiol*, 292(2), G518-525. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17023554
<http://ajpgi.physiology.org/cgi/reprint/292/2/G518.pdf> doi: 00024.2006 [pii] 10.1152/ajpgi.00024.2006
- Carratu, R., Secondulfo, M., de Magistris, L., Iafusco, D., Urrio, A., Carbone, M. G., . . . Prisco, F. (1999). Altered intestinal permeability to mannitol in diabetes mellitus type I. *J Pediatr Gastroenterol Nutr*, 28(3), 264-269. <http://www.ncbi.nlm.nih.gov/pubmed/10067726>

- D'Eufemia, P., Celli, M., Finocchiaro, R., Pacifico, L., Viozzi, L., Zaccagnini, M., . . . Giardini, O. (1996). Abnormal intestinal permeability in children with autism. *Acta Paediatr*, 85(9), 1076-1079. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=8888921
- D'Inca, R., Annese, V., di Leo, V., Latiano, A., Quaino, V., Abazia, C., . . . Sturniolo, G. C. (2006). Increased intestinal permeability and NOD2 variants in familial and sporadic Crohn's disease. *Aliment Pharmacol Ther*, 23(10), 1455-1461. <http://www.ncbi.nlm.nih.gov/pubmed/16669960> doi: APT2916 [pii]10.1111/j.1365-2036.2006.02916.x
- Dagci, H., Ustun, S., Taner, M. S., Ersoz, G., Karacasu, F., & Budak, S. (2002). Protozoon infections and intestinal permeability. *Acta Trop*, 81(1), 1-5. <http://www.ncbi.nlm.nih.gov/pubmed/11755426> doi: S0001706X01001917 [pii]
- Escobar, H., et al., (1992). "Intestinal Permeability to 51Cr-EDTA and Orocecal Transit Time and Cystic Fibrosis". *Journal of Pediatric Gastroenterology and Nutrition*, 14(2), 204-207.
- Feng, D., Xu, W., Chen, G., Hang, C., Gao, H., & Yin, H. (2007). Influence of glutamine on intestinal inflammatory response, mucosa structure alterations and apoptosis following traumatic brain injury in rats. *J Int Med Res*, 35(5), 644-656. <http://www.ncbi.nlm.nih.gov/pubmed/17900404>
- Galland, L. (2008). *Gastrointestinal Dysregulation: Connections to Chronic Disease*. Gig Harbor, WA: Institute for Functional Medicine.
- Hang, C. H., Shi, J. X., Li, J. S., Wu, W., & Yin, H. X. (2003). Alterations of intestinal mucosa structure and barrier function following traumatic brain injury in rats. *World J Gastroenterol*, 9(12), 2776-2781. <http://www.ncbi.nlm.nih.gov/pubmed/14669332>
- Holden, W., Orchard, T., & Wordsworth, P. (2003). Enteropathic arthritis. *Rheum Dis Clin North Am*, 29(3), 513-530, viii. <http://www.ncbi.nlm.nih.gov/pubmed/12951865>
- Hollander, D. (1999). Intestinal permeability, leaky gut, and intestinal disorders. *Curr Gastroenterol Rep*, 1(5), 410-416. <http://www.ncbi.nlm.nih.gov/pubmed/10980980>
- Humbert, P., Bidet, A., Treffel, P., Drobacheff, C., & Agache, P. (1991). Intestinal permeability in patients with psoriasis. *J Dermatol Sci*, 2(4), 324-326. <http://www.ncbi.nlm.nih.gov/pubmed/1911568>
- Kuitunen, M., Saukkonen, T., Ilonen, J., Akerblom, H. K., & Savilahti, E. (2002). Intestinal permeability to mannitol and lactulose in children with type 1 diabetes with the HLA-DQB1*02 allele. *Autoimmunity*, 35(5), 365-368. <http://www.ncbi.nlm.nih.gov/pubmed/12515291>
- Lammers, K. M., Lu, R., Brownley, J., Lu, B., Gerard, C., Thomas, K., . . . Fasano, A. (2008). Gliadin induces an increase in intestinal permeability and zonulin release by binding to the chemokine receptor CXCR3. *Gastroenterology*, 135(1), 194-204 e193. <http://www.ncbi.nlm.nih.gov/pubmed/18485912> doi: S0016-5085(08)00459-9 [pii]10.1053/j.gastro.2008.03.023
- Lipski, E. (1998). *Leaky gut syndrome : what to do about a health threat that can cause arthrities, allergies and a host of other illnesses*. New Canaan, Conn.: Keats Pub.
- Liu, Y., Xu, B., & Cai, X. (1995). [The role of intestinal permeability in the pathogenesis of ankylosing spondylitis]. *Zhonghua Nei Ke Za Zhi*, 34(2), 91-94. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=7796664
- Picco, P., Gattorno, M., Marchese, N., Vignola, S., Sormani, M. P., Barabino, A., & Buoncompagni, A. (2000). Increased gut permeability in juvenile chronic arthritides. A multivariate analysis of the diagnostic parameters. *Clin Exp Rheumatol*, 18(6), 773-778. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11138347

- Ryan, C. M., Yarmush, M. L., Burke, J. F., & Tompkins, R. G. (1992). Increased gut permeability early after burns correlates with the extent of burn injury. *Crit Care Med*, 20(11), 1508-1512.
<http://www.ncbi.nlm.nih.gov/pubmed/1424691>
- Sapone, A., de Magistris, L., Pietzak, M., Clemente, M. G., Tripathi, A., Cucca, F., . . . Fasano, A. (2006). Zonulin upregulation is associated with increased gut permeability in subjects with type 1 diabetes and their relatives. *Diabetes*, 55(5), 1443-1449.
<http://www.ncbi.nlm.nih.gov/pubmed/16644703> doi: 10.2337/1443 [pii]
- Secondulfo, M., Iafusco, D., Carratu, R., de Magistris, L., Sapone, A., Generoso, M., . . . Esposito, V. (2004). Ultrastructural mucosal alterations and increased intestinal permeability in non-celiac, type I diabetic patients. *Dig Liver Dis*, 36(1), 35-45.
<http://www.ncbi.nlm.nih.gov/pubmed/14971814>
- Sturniolo, G. C., Fries, W., Mazzone, E., Di Leo, V., Barollo, M., & D'Inca, R. (2002). Effect of zinc supplementation on intestinal permeability in experimental colitis. *J Lab Clin Med*, 139(5), 311-315. <http://www.ncbi.nlm.nih.gov/pubmed/12032492> doi: 10.1053/jlab.2002.12032492 [pii]
- Tripathi, A., Lammers, K. M., Goldblum, S., Shea-Donohue, T., Netzel-Arnett, S., Buzza, M. S., . . . Fasano, A. (2009). Identification of human zonulin, a physiological modulator of tight junctions, as preheptoglobin-2. *Proc Natl Acad Sci U S A*, 106(39), 16799-16804.
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19805376 doi: 10.1073/pnas.0906773106 [pii] 10.1073/pnas.0906773106
- Vaarala, O., Atkinson, M. A., & Neu, J. (2008). The "perfect storm" for type 1 diabetes: the complex interplay between intestinal microbiota, gut permeability, and mucosal immunity. *Diabetes*, 57(10), 2555-2562. <http://www.ncbi.nlm.nih.gov/pubmed/18820210>
<http://diabetes.diabetesjournals.org/content/57/10/2555.full.pdf> doi: 10.2337/db08-0331
- Visser, J., Roziņg, J., Sapone, A., Lammers, K., & Fasano, A. (2009). Tight junctions, intestinal permeability, and autoimmunity: celiac disease and type 1 diabetes paradigms. *Ann N Y Acad Sci*, 1165, 195-205. <http://www.ncbi.nlm.nih.gov/pubmed/19538307>
<http://onlinelibrary.wiley.com/doi/10.1111/j.1749-6632.2009.04037.x/abstract> doi: 10.1111/j.1749-6632.2009.04037.x [pii]
- Wang, S. J., Kao, C. H., Chen, D. U., & Lan, J. L. (1992). Intestinal permeability test in systemic lupus erythematosus. *Zhonghua Yi Xue Za Zhi (Taipei)*, 49(1), 29-33.
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=1312382
- Yacyshyn, B., Meddings, J., Sadowski, D., & Bowen-Yacyshyn, M. B. (1996). Multiple sclerosis patients have peripheral blood CD45RO+ B cells and increased intestinal permeability. *Dig Dis Sci*, 41(12), 2493-2498. <http://www.ncbi.nlm.nih.gov/pubmed/9011463>
- Zhou, Y., Jiang, Z., & Sun, Y. (1999). [Glutamine dipeptide enriched enteral nutrition improving gut permeability in severe burns]. *Zhonghua Yi Xue Za Zhi*, 79(11), 825-827.
<http://www.ncbi.nlm.nih.gov/pubmed/11715489>

Chapter 5 The GI Microbiome: "Aliens Have Overtaken My Body!"

Chapter 6 The GI Microbiome: Probiotics Naturally from Food and Supplements

Chapter 7 The GI Microbiome: Dysbiosis, a Good Neighborhood Gone Bad

Chapter 8 The GI Microbiome: Specific and Common Dysbiosis Infections

- Alam, N. H., & Ashraf, H. (2003). Treatment of infectious diarrhea in children. *Paediatr Drugs*, 5(3), 151-165. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12608880.
- Annet E. J. van Merode, H. C. v. d. M., Henk J. Busscher, and Bastiaan P. Krom*. Influence of Culture Heterogeneity in Cell Surface Charge on Adhesion and Biofilm Formation by *Enterococcus faecalis*. *JOURNAL OF BACTERIOLOGY*, 188(7), 2421-2426 doi: doi:10.1128/JB.188.7.2421-2426.2006
- Arias-Moliz, M. T., Ferrer-Luque, C. M., Espigares-Garcia, M., & Baca, P. (2009). *Enterococcus faecalis* biofilms eradication by root canal irrigants. *J Endod*, 35(5), 711-714. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19410089. doi: S0099-2399(09)00087-9 [pii]10.1016/j.joen.2009.01.018
- Arumugam, M., Raes, J., Pelletier, E., Le Paslier, D., Yamada, T., Mende, D. R., . . . Bork, P. (2011). Enterotypes of the human gut microbiome. *Nature*. <http://www.ncbi.nlm.nih.gov/pubmed/21654744> <http://www.nature.com/nature/journal/vaop/ncurrent/pdf/nature10187.pdf> doi: 10.1038/nature10187 nature10187 [pii]
- Biffi, A., Coradini, D., Larsen, R., Riva, L., & Di Fronzo, G. (1997). Antiproliferative effect of fermented milk on the growth of a human breast cancer cell line. *Nutr Cancer*, 28(1), 93-99. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/9200156>.
- Blaser M.J., C. Y., Reibman J. (2008). Does *Helicobacter pylori* protect against asthma and allergy *Gut* (Gut published online 14 Jan 2008 ed.): BMJ.
- Bousvaros, A., Guandalini, S., Baldassano, R. N., Botelho, C., Evans, J., Ferry, G. D., et al. (2005). A randomized, double-blind trial of *Lactobacillus GG* versus placebo in addition to standard maintenance therapy for children with Crohn's disease. *Inflamm Bowel Dis*, 11(9), 833-839. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/16116318>. doi: 00054725-200509000-00008 [pii]
- Campieri, C., Campieri, M., Bertuzzi, V., Swennen, E., Matteuzzi, D., Stefoni, S., et al. (2001). Reduction of oxaluria after an oral course of lactic acid bacteria at high concentration. *Kidney Int*, 60(3), 1097-1105. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11532105>. doi: kid906 [pii] 10.1046/j.1523-1755.2001.0600031097.x
- Cani, P. D., & Delzenne, N. M. (2009). Interplay between obesity and associated metabolic disorders: new insights into the gut microbiota. *Curr Opin Pharmacol*, 9(6), 737-743. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19628432 doi: S1471-4892(09)00092-7 [pii]10.1016/j.coph.2009.06.016
- Claus, S. P., Tsang, T. M., Wang, Y., Cloarec, O., Skordi, E., Martin, F.-P., . . . Nicholson, J. K. (2008). Systemic multicompartmental effects of the gut microbiome on mouse metabolic phenotypes. *Molecular Systems Biology*, 4. doi: 10.1038/msb.2008.56
- Consumer-Lab. (2003). Product Review: Probiotic Supplements and Foods. Retrieved from
- Cordain, L. E., S Boyd; Sebastian, Anthony; Mann, Neil; Lindeberg, Staffan; Watkins, Bruce A; O'Keefe, James H; Brand-Miller, Janette. (2005). Origins and evolution of the Western diet: health implications for the 21st century. *A J Clin Nut*, 81(2), 341-354.

- Czerucka, D., Nano, J. L., Bernasconi, P., & Rampal, P. (1991). [Response of the IRD intestinal epithelial cell line to Clostridium difficile toxins A and B in rats. Effect of Saccharomyces boulardii]. *Gastroenterol Clin Biol*, 15(1), 22-27. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/1849105>.
- Czerucka, D., Piche, T., & Rampal, P. (2007). Review article: yeast as probiotics -Saccharomyces boulardii. *Alimentary Pharmacology & Therapeutics*, 26(6), 767-778. doi: 10.1111/j.1365-2036.2007.03442.x
- De Vrese M, S. J. (2008). "Probiotics, Prebiotics, and Synbiotics" (Vol.) Berlin/Heidlebert: Springer
- Do, V. T., Baird, B. G., & Kockler, D. R. Probiotics for Maintaining Remission of Ulcerative Colitis in Adults (March). *Ann Pharmacother*. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=20124461>. doi: aph.1M498 [pii]10.1345/aph.1M498
- Flanagan, J. L., & Willcox, M. D. (2009). Role of lactoferrin in the tear film. *Biochimie*, 91(1), 35-43. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=18718499>. doi: S0300-9084(08)00229-0 [pii]10.1016/j.biochi.2008.07.007
- Frank, D. N., & Pace, N. R. (2008). Gastrointestinal microbiology enters the metagenomics era. *Curr Opin Gastroenterol*, 24(1), 4-10. <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=18043225> doi: 10.1097/MOG.0b013e3282f2b0e800001574-200801000-00003 [pii]
- Gaddy, J. A., & Actis, L. A. (2009). Regulation of Acinetobacter baumannii biofilm formation. *Future Microbiol*, 4, 273-278. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=19327114>. doi: 10.2217/fmb.09.5
- Galland, L. (1993). *Dysbiosis and Disease*. Asheville, NC: Great Smokies Diagnostic Lab and HealthComm International.
- Gibson, G. R., Probert, H. M., Loo, J. V., Rastall, R. A., & Roberfroid, M. B. (2004). Dietary modulation of the human colonic microbiota: updating the concept of prebiotics. *Nutr Res Rev*, 17(2), 259-275. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/19079930> http://journals.cambridge.org/download.php?file=%2FNRR%2FNRR17_02%2FS0954422404000204a.pdf&code=c79961a563fcce67d4063bbf512011e1. doi: S0954422404000204 [pii]10.1079/NRR200479
- Gibson, G. R., & Roberfroid, M. B. (1995). Dietary modulation of the human colonic microbiota: introducing the concept of prebiotics. *J Nutr*, 125(6), 1401-1412. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/7782892>.
- Gibson, G. R., & Wang, X. (1994). Regulatory effects of bifidobacteria on the growth of other colonic bacteria. *J Appl Bacteriol*, 77(4), 412-420. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/7989269>.
- Guandalini, S. (2002). Use of Lactobacillus-GG in paediatric Crohn's disease. *Dig Liver Dis*, 34 Suppl 2, S63-65. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12408443>.

- Guandalini, S., Pensabene, L., Zikri, M. A., Dias, J. A., Casali, L. G., Hoekstra, H., et al. (2000). Lactobacillus GG administered in oral rehydration solution to children with acute diarrhea: a multicenter European trial. *J Pediatr Gastroenterol Nutr*, 30(1), 54-60. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/10630440>.
- Halpern, G. (2009). Peptic Ulcer Disease and Helicobacter pylori. In I. Kohlstadt (Ed.), *Food and Nutrients in Disease Management*. Boca Raton, FL: Taylor and Francis.
- Hancock, V., Dahl, M., & Klemm, P. Probiotic Escherichia coli strain Nissle 1917 out-competes intestinal pathogens during biofilm formation. *J Med Microbiol*. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20110388. doi: jmm.0.008672-0 [pii]10.1099/jmm.0.008672-0
- Hunter, M. M., & McKay, D. M. (2004). Review article: helminths as therapeutic agents for inflammatory bowel disease. *Aliment Pharmacol Ther*, 19(2), 167-177. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/14723608>. doi: 1803 [pii]
- Iweala OI, N. C. (2006). Immune privilege in the gut: the establishment and maintenance of non-responsiveness to dietary antigens and commensal flora. *Immunological Reviews*, 213, 82-100.
- Jones, S. E., & Versalovic, J. (2009). Probiotic Lactobacillus reuteri biofilms produce antimicrobial and anti-inflammatory factors. *BMC Microbiol*, 9, 35. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19210794. doi: 1471-2180-9-35 [pii]10.1186/1471-2180-9-35
- Kajiwara, S., Gandhi, H., & Ustunol, Z. (2002). Effect of honey on the growth of and acid production by human intestinal Bifidobacterium spp.: an in vitro comparison with commercial oligosaccharides and inulin. *J Food Prot*, 65(1), 214-218. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11808799>.
- Kalliomaki, M., Collado, M. C., Salminen, S., & Isolauri, E. (2008). Early differences in fecal microbiota composition in children may predict overweight. *Am J Clin Nutr*, 87(3), 534-538. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18326589. doi: 87/3/534 [pii]
- Kalliomaki, M., Salminen, S., Arvilommi, H., Kero, P., Koskinen, P., & Isolauri, E. (2001). Probiotics in primary prevention of atopic disease: a randomised placebo-controlled trial. *Lancet*, 357(9262), 1076-1079. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11297958.
- Kalliomaki, M., Salminen, S., Poussa, T., Arvilommi, H., & Isolauri, E. (2003). Probiotics and prevention of atopic disease: 4-year follow-up of a randomised placebo-controlled trial. *Lancet*, 361(9372), 1869-1871. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12788576>. doi: S0140-6736(03)13490-3 [pii]10.1016/S0140-6736(03)13490-3
- Kimmey, M. B., Elmer, G. W., Surawicz, C. M., & McFarland, L. V. (1990). Prevention of further recurrences of Clostridium difficile colitis with Saccharomyces boulardii. *Dig Dis Sci*, 35(7), 897-901. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/2364845>.
- Kirjavainen, P. V., Ouwehand, A. C., Isolauri, E., & Salminen, S. J. (1998). The ability of probiotic bacteria to bind to human intestinal mucus. *FEMS Microbiol Lett*, 167(2), 185-189. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/9809419>. doi: S0378-1097(98)00387-5 [pii]

- Kirjavainen, P. V., Salminen, S. J., & Isolauri, E. (2003). Probiotic bacteria in the management of atopic disease: underscoring the importance of viability. *J Pediatr Gastroenterol Nutr*, 36(2), 223-227. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12548058.
- Kleessen, B., & Blaut, M. (2005). Modulation of gut mucosal biofilms. *Br J Nutr*, 93 Suppl 1, S35-40. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15877893. doi: S0007114505000784 [pii]
- Kligler, B. (2007). Probiotics in Children. *Pediatric Clinics of North America*, 54(6), 949-967. doi: 10.1016/j.pcl.2007.10.002
- Kligler, B., Hanaway, P., & Cohrssen, A. (2007). Probiotics in children. *Pediatr Clin North Am*, 54(6), 949-967; xi. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18061785. doi: S0031-3955(07)00144-7 [pii] 10.1016/j.pcl.2007.10.002
- Lee D., M. J. (2008). Small Intestinal Bacterial Overgrowth. *MedicineNet.com*. Retrieved from <http://www.medicinenet.com/script/main/art.asp?articlekey=55091>
- Lin, H. C. (2004). Small intestinal bacterial overgrowth: a framework for understanding irritable bowel syndrome. *JAMA*, 292(7), 852-858. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15316000. doi: 10.1001/jama.292.7.852292/7/852 [pii]
- Lin, H. C., & Pimentel, M. (2005). Bacterial concepts in irritable bowel syndrome. *Rev Gastroenterol Disord*, 5 Suppl 3, S3-9. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17713456.
- Liska D, Q. S., Lukaczer D, Jones DS, Lerman RH, Bland JS, Costarella L, Schlitz B, Schmidt MA, . (2004). *Clinical Nutrition: A Functional Approach, 2nd edition* Gig Harbor, WA: Institute for Functional Medicine.
- Longbottom, C., Ekstrand, K., Zero, D., & Kambara, M. (2009). Novel preventive treatment options. *Monogr Oral Sci*, 21, 156-163. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19494683. doi: 000224220 [pii]10.1159/000224220
- Lukaczer D, M. G., Hanaway P, Lipski E, . (2009, July 17-19). *Clinical Imbalances*. Paper presented at the Restoring Gastrointestinal Equilibrium: Practical Applications for understanding, assessing, and treating gut dysfunction. , Washington DC.
- Macfarlane, G. T., & Cummings, J. H. (1999). Probiotics and prebiotics: can regulating the activities of intestinal bacteria benefit health? *BMJ*, 318(7189), 999-1003. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/10195977>.
- Macfarlane, G. T., Steed, H., & Macfarlane, S. (2008). Bacterial metabolism and health-related effects of galacto-oligosaccharides and other prebiotics. *J Appl Microbiol*, 104(2), 305-344. doi: JAM3520 [pii]

- 10.1111/j.1365-2672.2007.03520.x [doi]
- Macfarlane, S. (2008). Microbial biofilm communities in the gastrointestinal tract. *J Clin Gastroenterol*, 42 Suppl 3 Pt 1, S142-143. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18806707. doi: 10.1097/MCG.0b013e31816207df
- Macfarlane, S., & Macfarlane, G. T. (2006). Composition and Metabolic Activities of Bacterial Biofilms Colonizing Food Residues in the Human Gut. *Applied and Environmental Microbiology*, 72(9), 6204-6211. doi: 10.1128/aem.00754-06
- MacKay, D. (2003). Can CAM therapies help reduce antibiotic resistance? *Altern Med Rev*, 8(1), 28-42. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12611559.
- MedicineNet.com. (2001). Definition of Biofilm. *MedicineNet.com*. Retrieved from
- Mitsuoka, T. (1992). Intestinal flora and aging. *Nutr Rev*, 50(12), 438-446. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/1488186>.
- Mohammadi, Z. (2009). Local applications of tetracyclines in endodontics and dental trauma: a review. *Dent Today*, 28(1), 95-96, 98, 100-101; quiz 101. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19323332.
- Mullin G, H. P., Lipski E (2009, July 2009). *Gastrointestinal Dysbiosis: What is it and How to Recognize it*. Paper presented at the Restoring Gastroenterological Equilibrium, Washington DC.
- Nostro A, A. S. R., Giuseppe Bisignano,, Andreana Marino, M. A. C., Francesco C. Pizzimenti,, & Pier Luigi Cioni, F. P. a. A. R. B. (2007). Effects of oregano, carvacrol and thymol on Staphylococcus aureus and Staphylococcusepidermidis biofilms. *Journal of Medical Microbiology* 56, 519-523.
- O'May, C. Y., Sanderson, K., Roddam, L. F., Kirov, S. M., & Reid, D. W. (2009). Iron-binding compounds impair Pseudomonas aeruginosa biofilm formation, especially under anaerobic conditions. *J Med Microbiol*, 58(Pt 6), 765-773. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19429753. doi: 58/6/765 [pii]10.1099/jmm.0.004416-0
- Parkar, S. G., Stevenson, D. E., & Skinner, M. A. (2008). The potential influence of fruit polyphenols on colonic microflora and human gut health. *Int J Food Microbiol*, 124(3), 295-298. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18456359. doi: S0168-1605(08)00140-2 [pii] 10.1016/j.ijfoodmicro.2008.03.017
- Pessi, T., Sutas, Y., Hurme, M., & Isolauri, E. (2000). Interleukin-10 generation in atopic children following oral Lactobacillus rhamnosus GG. *Clin Exp Allergy*, 30(12), 1804-1808. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11122221.
- Peterson, J., Garges, S., Giovanni, M., McInnes, P., Wang, L., Schloss, J. A., . . . Guyer, M. (2009). The NIH Human Microbiome Project. *Genome Research*, 19(12), 2317-2323. doi: 10.1101/gr.096651.109
- Pietrzak, A., Jastrzebska, I., Chodorowska, G., Maciejewski, R., Dybiec, E., Juszkievicz-Borowiec, M., et al. (2009). Psoriasis vulgaris and digestive system disorders: is there a linkage? *Folia Histochem*

- Cytobiol*, 47(3), 517-524. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/20164041>. doi: 544150M64W4633V6 [pii]10.2478/v10042-009-0107-y
- Pimentel, M. (2008). The prevalence of small intestinal bacterial overgrowth in irritable bowel syndrome: IBS vs healthy controls (not historical definitions). *Gut*, 57(9), 1334-1335; author reply 1335. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18719147. doi: 57/9/1334-a [pii]
- Pizzorno L, P. J., Murray M. (2002). *Natural Medicine Instructions for Patients*. London: Churchill Livingstone.
- Plein, K., & Hotz, J. (1993). Therapeutic effects of *Saccharomyces boulardii* on mild residual symptoms in a stable phase of Crohn's disease with special respect to chronic diarrhea--a pilot study. *Z Gastroenterol*, 31(2), 129-134. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/8465554>.
- Plummer N, Q. P., Crockett C. (2003). Fructooligosaccharides and other prebiotics-FOS. *Townsend letter for doctors and patients*(June).
- Psaltis, A. J., Wormald, P. J., Ha, K. R., & Tan, L. W. (2008). Reduced levels of lactoferrin in biofilm-associated chronic rhinosinusitis. *Laryngoscope*, 118(5), 895-901. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18216739. doi: 10.1097/MLG.0b013e31816381d4
- Reid, G. (2001). Probiotic agents to protect the urogenital tract against infection. *Am J Clin Nutr*, 73(2 Suppl), 437S-443S. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11157354>.
- Reid, G., & Bruce, A. W. (2001). Selection of lactobacillus strains for urogenital probiotic applications. *J Infect Dis*, 183 Suppl 1, S77-80. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11171021>. doi: JID000777 [pii]10.1086/318841
- Rio, M. E., Zago Beatriz, L., Garcia, H., & Winter, L. (2002). [The nutritional status change the effectiveness of a dietary supplement of lactic bacteria on the emerging of respiratory tract diseases in children]. *Arch Latinoam Nutr*, 52(1), 29-34. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12214543.
- Roberfroid, M. B. (1998). Prebiotics and synbiotics: concepts and nutritional properties. *Br J Nutr*, 80(4), S197-202. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=9924284.
- Rosenfeldt, V., Benfeldt, E., Nielsen, S. D., Michaelsen, K. F., Jeppesen, D. L., Valerius, N. H., et al. (2003). Effect of probiotic Lactobacillus strains in children with atopic dermatitis. *J Allergy Clin Immunol*, 111(2), 389-395. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12589361.
- Saavedra, J. M., Abi-Hanna, A., Moore, N., & Yolken, R. H. (2004). Long-term consumption of infant formulas containing live probiotic bacteria: tolerance and safety. *Am J Clin Nutr*, 79(2), 261-267. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=14749232.

- Salminen, S., Nybom, S., Meriluoto, J., Collado, M. C., Vesterlund, S., & El-Nezami, H. (2010). Interaction of probiotics and pathogens--benefits to human health? *Curr Opin Biotechnol*, 21(2), 157-167. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20413293. doi: S0958-1669(10)00058-3 [pii] 10.1016/j.copbio.2010.03.016
- Salminen, S., & Wright, A. v. (1993). *Lactic acid bacteria*. New York: Dekker.
- Saran, S., Gopalan, S., & Krishna, T. P. (2002). Use of fermented foods to combat stunting and failure to thrive. *Nutrition*, 18(5), 393-396. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11985943.
- Sazawal, S., Dhingra, U., Sarkar, A., Dhingra, P., Deb, S., Marwah, D., et al. (2004). Efficacy of milk fortified with a probiotic *Bifidobacterium lactis* (DR-10TM) and prebiotic galacto-oligosaccharides in prevention of morbidity and on nutritional status. *Asia Pac J Clin Nutr*, 13(Suppl), S28. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15294490.
- Schrezenmeir, J., Heller, K., McCue, M., Llamas, C., Lam, W., Burow, H., et al. (2004). Benefits of oral supplementation with and without synbiotics in young children with acute bacterial infections. *Clin Pediatr (Phila)*, 43(3), 239-249. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15094948.
- Sekine, K., Ohta, J., Onishi, M., Tatsuki, T., Shimokawa, Y., Toida, T., et al. (1995). Analysis of antitumor properties of effector cells stimulated with a cell wall preparation (WPG) of *Bifidobacterium infantis*. *Biol Pharm Bull*, 18(1), 148-153. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/7537575>.
- Sellars, R. L. (1991). Acidophilus product. In R. K. Robinson (Ed.), *Therapeutic Properties of Fermented Milks*. London: Chapman and Hall.
- Seppo, L., Jauhiainen, T., Poussa, T., & Korpela, R. (2003). A fermented milk high in bioactive peptides has a blood pressure-lowering effect in hypertensive subjects. *Am J Clin Nutr*, 77(2), 326-330. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12540390>.
- Sghir, A., Chow, J. M., & Mackie, R. I. (1998). Continuous culture selection of bifidobacteria and lactobacilli from human faecal samples using fructooligosaccharide as selective substrate. *J Appl Microbiol*, 85(4), 769-777. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/9812388>.
- Singhal, S., Dian, D., Keshavarzian, A., Fogg, L., Fields, J. Z., & Farhadi, A. (2010). The Role of Oral Hygiene in Inflammatory Bowel Disease. *Dig Dis Sci*. <http://www.ncbi.nlm.nih.gov/pubmed/20458622> doi: 10.1007/s10620-010-1263-9
- Soares, J. A., Roque de Carvalho, M. A., Cunha Santos, S. M., Mendonca, R. M., Ribeiro-Sobrinho, A. P., Brito-Junior, M., et al. (2010). Effectiveness of chemomechanical preparation with alternating use of sodium hypochlorite and EDTA in eliminating intracanal *Enterococcus faecalis* biofilm. *J Endod*, 36(5), 894-898. Retrieved from

- http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20416441. doi: S0099-2399(10)00004-X [pii]10.1016/j.joen.2010.01.002
- Sultan MI, L. B. (2009). Helicobacter Pylori Infection: Treatment & Medication. Retrieved from <http://emedicine.medscape.com/article/929452-treatment>
- Tennyson, C. A., & Friedman, G. (2008). Microecology, obesity, and probiotics. *Curr Opin Endocrinol Diabetes Obes*, 15(5), 422-427. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18769213. doi: 10.1097/MED.0b013e328308dbfb 01266029-200810000-00006 [pii]
- Thein ZM, S. Y., Samaranyake LP. . (2007). Dietary sugars, serum and the biocide chlorhexidine digluconate modify the population and structural dynamics of mixed Candida albicans and Escherichia coli biofilms. . *APMIS*, 115, 1241-1251.
- Turnbaugh PJ, G. J. (2009). <J J Physiol-2009-Turnbaugh Gordon.pdf>. *J. Physiol.*, 587(17), 4153-4158. doi: DOI: 10.1113/jphysiol.2009.174136
- Turnbaugh, P. J., Hamady, M., Yatsunenko, T., Cantarel, B. L., Duncan, A., Ley, R. E., . . . Gordon, J. I. (2008). A core gut microbiome in obese and lean twins. *Nature*, 457(7228), 480-484. doi: 10.1038/nature07540
- Turnbaugh, P. J., Ley, R. E., Mahowald, M. A., Magrini, V., Mardis, E. R., & Gordon, J. I. (2006). An obesity-associated gut microbiome with increased capacity for energy harvest. *Nature*, 444(7122), 1027-1031. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17183312 doi: nature05414 [pii]10.1038/nature05414
- Turrioni, F., Ribbera, A., Foroni, E., van Sinderen, D., & Ventura, M. (2008). Human gut microbiota and bifidobacteria: from composition to functionality. *Antonie Van Leeuwenhoek*, 94(1), 35-50. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18338233. doi: 10.1007/s10482-008-9232-4
- Van Niel, C. W., Feudtner, C., Garrison, M. M., & Christakis, D. A. (2002). Lactobacillus therapy for acute infectious diarrhea in children: a meta-analysis. *Pediatrics*, 109(4), 678-684. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11927715>.
- Ventura, M., O'Flaherty, S., Claesson, M. J., Turrioni, F., Klaenhammer, T. R., van Sinderen, D., et al. (2008). Genome-scale analyses of health-promoting bacteria: probiogenomics. *Nature Reviews Microbiology*, 7(1), 61-71. doi: 10.1038/nrmicro2047
- Xu, J., Mahowald, M. A., Ley, R. E., Lozupone, C. A., Hamady, M., Martens, E. C., . . . Gordon, J. I. (2007). Evolution of symbiotic bacteria in the distal human intestine. *PLoS Biol*, 5(7), e156. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17579514 <http://www.plosbiology.org/article/fetchObjectAttachment.action;jsessionid=669785FCC080E78C609C5AE3CBB77B9A.ambra01?uri=info%3Adoi%2F10.1371%2Fjournal.pbio.0050156&representation=PDF> doi: 06-PLBI-RA-1577 [pii]10.1371/journal.pbio.0050156

Chapter 9 Fire in the Gut: Immune and Inflammation

- Baker, S. (2009). *Notes on Immunology for Friday Evening Talk*. Paper presented at the Defeat Autism Now, Dallas, TX.

- Bevins, C. L., Stange, E. F., & Wehkamp, J. (2009). Decreased Paneth cell defensin expression in ileal Crohn's disease is independent of inflammation, but linked to the NOD2 1007fs genotype. *Gut*, 58(6), 882-883; discussion 883-884. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19433600. doi: 58/6/882 [pii]
- BioHealth-Diagnostics. (2009). Secretory IgA. Retrieved from <http://www.intestinalbarriertest.com/>
- Buts, J. P., Bernasconi, P., Vaerman, J. P., & Dive, C. (1990). Stimulation of secretory IgA and secretory component of immunoglobulins in small intestine of rats treated with *Saccharomyces boulardii*. *Dig Dis Sci*, 35(2), 251-256. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=2302983.
- Christopher, J. (2976). *School of Natural Healing*. UT: Christopher Publ.
- Coppo, R. (1988). The pathogenetic potential of environmental antigens in IgA nephropathy. *Am J Kidney Dis*, 12(5), 420-424. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=3055968. doi: S0272638688001441 [pii]
- Galland, L. (2008). *Gastrointestinal Dysregulation: Connections to Chronic Disease*. Gig Harbor, WA: Institute for Functional Medicine.
- Giugliano, D., Ceriello, A., & Esposito, K. (2006). The effects of diet on inflammation: emphasis on the metabolic syndrome. *J Am Coll Cardiol*, 48(4), 677-685. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16904534. doi: S0735-1097(06)01335-0 [pii]10.1016/j.jacc.2006.03.052
- Grethlein SJ, P. J. (2008). Mucosa-Associated Lymphoid Tissue. *Emedicine*. Retrieved from
- Hanaway, P. (2009, July 17-19). *Fire in the Gut Part I: Assessment of Oxidative Stress and Inflammation in Gastrointestinal Dysfunction*. Paper presented at the Advanced Practice Module: Restoring Gastrointestinal Equilibrium, Washington DC.
- Hart, A. L., Lammers, K., Brigidi, P., Vitali, B., Rizzello, F., Gionchetti, P., et al. (2004). Modulation of human dendritic cell phenotype and function by probiotic bacteria. *Gut*, 53(11), 1602-1609. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15479680. doi: 53/11/1602 [pii] 10.1136/gut.2003.037325
- Hyperhealth. (2008). Hyperhealth Encyclopedia. Hansville, WA 98340: In-Tele-Health-America.
- Jahn, H. U., Ullrich, R., Schneider, T., Liehr, R. M., Schieferdecker, H. L., Holst, H., et al. (1996). Immunological and trophical effects of *Saccharomyces boulardii* on the small intestine in healthy human volunteers. *Digestion*, 57(2), 95-104. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=8786007.
- Kono, H., Fujii, H., Asakawa, M., Maki, A., Amemiya, H., Hirai, Y., et al. (2004). Medium-chain triglycerides enhance secretory IgA expression in rat intestine after administration of endotoxin. *Am J Physiol Gastrointest Liver Physiol*, 286(6), G1081-1089. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15132951. doi: 10.1152/ajpgi.00457.2003286/6/G1081 [pii]
- Lord R, B. J. (Ed.). (2009). *Laboratory Evaluations for Integrative and Functional Medicine, 2nd edition*. Duluth, GA: Metametrix Institute.
- Nascimbeni, R., Villanacci, V., Bassotti, G., Fisogni, S., Gervasi, M., Rossi, E., et al. (2009). Colonic lymphoid follicles and NOD2/CARD15 mutational status in Crohn's disease. *Br J Surg*, 96(6), 655-662. Retrieved from

- <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=19434699>. doi: 10.1002/bjs.6615
- Philpott, D. J., & Girardin, S. E. (2009). Crohn's disease-associated Nod2 mutants reduce IL10 transcription. *Nat Immunol*, *10*(5), 455-457. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=19381138>. doi: ni0509-455 [pii]10.1038/ni0509-455
- Rountree, R. (2006). Immune Imbalances and Inflammation. In Q. S. Jones D. (Ed.), *The Textbook of Functional Medicine* (pp. 299-326). Gig Harbor, WA: Institute for Functional Medicine.
- Summers, R. W., Elliott, D. E., Qadir, K., Urban, J. F., Jr., Thompson, R., & Weinstock, J. V. (2003). Trichuris suis seems to be safe and possibly effective in the treatment of inflammatory bowel disease. *Am J Gastroenterol*, *98*(9), 2034-2041. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=14499784>. doi: S0002927003006233 [pii] 10.1111/j.1572-0241.2003.07660.x
- Summers, R. W., Elliott, D. E., Urban, J. F., Jr., Thompson, R., & Weinstock, J. V. (2005). Trichuris suis therapy in Crohn's disease. *Gut*, *54*(1), 87-90. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=15591509>. doi: 54/1/87 [pii]10.1136/gut.2004.041749
- Summers, R. W., Elliott, D. E., Urban, J. F., Jr., Thompson, R. A., & Weinstock, J. V. (2005). Trichuris suis therapy for active ulcerative colitis: a randomized controlled trial. *Gastroenterology*, *128*(4), 825-832. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=15825065>. doi: S0016508505000259 [pii]
- Torok, H. P., Glas, J., Endres, I., Tonenchi, L., Teshome, M. Y., Wetzke, M., et al. (2009). Epistasis between Toll-like receptor-9 polymorphisms and variants in NOD2 and IL23R modulates susceptibility to Crohn's disease. *Am J Gastroenterol*, *104*(7), 1723-1733. Retrieved from <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&listuids=19455129>. doi: ajg2009184 [pii]10.1038/ajg.2009.184
- Wald, M. B. (2007). *The Anti-Aging Encyclopedia of Tests and Natural Treatments*. Mount Kisko, NY: Blood Logic Inc.

Chapter 10 The Enteric Nervous System: The Second Brain

- Brunello, N., Akiskal, H., Boyer, P., Gessa, G. L., Howland, R. H., Langer, S. Z., . . . Wessely, S. (1999). Dysthymia: clinical picture, extent of overlap with chronic fatigue syndrome, neuropharmacological considerations, and new therapeutic vistas. *J Affect Disord*, *52*(1-3), 275-290.
- Cole, J. A., Rothman, K. J., Cabral, H. J., Zhang, Y., & Farraye, F. A. (2006). Migraine, fibromyalgia, and depression among people with IBS: a prevalence study. *BMC Gastroenterol*, *6*, 26. doi: 1471-230X-6-26 [pii] 10.1186/1471-230X-6-26
- Drossman, D. A., Toner, B. B., Whitehead, W. E., Diamant, N. E., Dalton, C. B., Duncan, S., . . . Bangdiwala, S. I. (2003). Cognitive-behavioral therapy versus education and desipramine versus placebo for moderate to severe functional bowel disorders. *Gastroenterology*, *125*(1), 19-31. doi: S0016508503006693 [pii]
- Keshav, S. (2004). *The Gastrointestinal System at a Glance*: Blackwell Science.

- Klok MD, J. S., Drent ML., , & (2007). The role of leptin and ghrelin in the regulation of food intake and body weight in humans: a review. *Obes Rev.*, *Jan*;8(1):21-34.
- Lutgendorff, F. A., L.M>, & Soderholm, J.D. . (2008). The role of microbiota and probiotics in stress-induced gastro-intestinal damage. . *Curr Mol Med*, *8*(4), 282-298. .
- Mahan, L., Escott-Stump, S. . (2008). *Krause's Food and Nutrition Therapy, 12th edition*. . St. Louis, MO Saunders Elsevier.
- McLean, P. G., Calver, A. R., Alpers, D. H., Collins, S. M., Shanahan, F., & Lee, K. (2009). The emerging role of the microbial-gastrointestinal-neural axis. *Gastroenterology Insights*, *1*(1). doi: 10.4081/gi.2009.e3
- Toner, B. B., Segal, Z. V., Emmott, S., Myran, D., Ali, A., DiGasbarro, I., & Stuckless, N. (1998). Cognitive-behavioral group therapy for patients with irritable bowel syndrome. *Int J Group Psychother*, *48*(2), 215-243.

Chapter 11 Functional Medicine/Functional Testing

Part III Coming Back into Balance

Chapter 12 Food Is Your Best Medicine

- Batmanghelidj F. *Your Body's Many Cries for Water*. Global Health, 1992.
- Carbonaro M, MM, et al. "Modulation of antioxidant compounds in organic vs. conventional fruit." *J Ag Food Chem* 2002;50(19):5458–5462.
- Carper J. *The Food Pharmacy*. Bantam Books, 1989.
- Constant J, Jaffe R. "The role of eggs, margarines and fish oils in the nutritional management of coronary artery disease and strokes." *Keio J Med* 2004;53(3):131–136.
- Dallongeville J, Yarnell J, et al. "Fish consumption is associated with lower heart rates." *Circulation* 2004;109(9):e155–e156.
- Donovan P. *Guided Health: A Constant Professional Reference*. Reston, VA: Health Studies Collegium, 1989.
- Eades MR, Eades MD. *Protein Power: The High-Protein/Low-Carbohydrate Way to Lose Weight, Feel Fit, and Boost Your Health—in Just Weeks!* Bantam Books, 1997.
- Erasmus, Udo. *Fats That Heal, Fats That Kill*. Burnaby, B.C.: Alive Books, 1993.
- Giugliano, D. Ceriello, A. Esposito, K. "The effects of diet on inflammation: emphasis on the metabolic syndrome" *J Am Coll Cardiol*. 2006 Aug 15;48(4):677-85.
- Jaffe, R., and P. Donovan. *Guided Health: A Constant Professional Reference*. Reston, Va.: Health Studies Collegium Publishing, 1989.
- Jude S, Roger S, et al. "Dietary long-chain omega-3 fatty acids of marine origin: A comparison of their protective effects on coronary heart disease and breast cancers." *Prog Biophys Mol Biol* 2005
- Kromhout D. "N-3 fatty acids and coronary heart disease: Epidemiology from Eskimos to Western populations." *J Intern Med Suppl* 1989;731:47–51.
- Lappe FM. *Diet for a Small Planet*. Ballantine Books, 1991.
- MacKay D. "Can CAM therapies help reduce antibiotic resistance?" *Altern Med Rev* 2003;8(1):28–42.
- Ornish, D., Magbanua, M. J., Weidner, G., Weinberg, V., Kemp, C., Green, C., et al. (2008). Changes in prostate gene expression in men undergoing an intensive nutrition and lifestyle intervention. *Proc Natl Acad Sci U S A*, *105*(24), 8369-8374.

- Shauss A. "Dietary fish oil consumption and fish oil supplementation." J. Pizzorno and M. Murray editors, A Textbook for Natural Medicine. Churchill Livingstone. 1991, pp. 1–7.
- Shnayerson M, Plotkin M. The Killers Within: The Deadly Rise of Drug-Resistant Bacteria. Little, Brown and Co., 2002.
- Schnohr, P., et al. "Egg Consumption and High-Density Lipoprotein Cholesterol." J Intern Med 235 (1994): 249–51.
- Simopoulos AP. "The traditional diet of Greece and cancer." Eur J Cancer Prev 2004;13(3):219–230.
- Shinitzky, M. "Egg Consumption, Serum Cholesterol, and Membrane Fluidity." Biomembranes and Nutrition 195 (1989): 391–400.
- Smith, B. "Organic Foods vs. Supermarket Foods, Element Levels." Doctor's Data Labs, 1993.
- Weir, D., and M. Schapiro. Circle of Poison. San Francisco: Institute for Food & Development Policy, - 1981.
- Young G, Conquer J. "Omega-3 fatty acids and neuropsychiatric disorders." Reprod Nutr Dev 2005;45(1):1–28.

Chapter 13 Restorative Foods for Healing

No additional references.

Chapter 14 Food Sensitivities, Intolerances, and Allergies

- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. Turk J Gastroenterol, 18(1), 5-13. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17450488.
- Bade, M. A., Rammeloo, E. M., Hermans, J., de Vries Locher, A. L., de Graaf, E. A., & Mearin, M. L. (1995). [Symptoms of disease and food allergy in children with Down syndrome]. Ned Tijdschr Geneesk, 139(33), 1680-1684. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=7566230.
- Bahna, S. (2001). Unusual presentations of food allergy. Ann Allergy Asthma Immunol, 86, 414-420.
- Beausoleil, J. L., Fiedler, J., & Spergel, J. M. (2007). Food Intolerance and childhood asthma: what is the link? Paediatr Drugs, 9(3), 157-163. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17523696. doi: 934 [pii]
- Bischoff, S. C. (2006). Food allergies. Curr Gastroenterol Rep, 8(5), 374-382. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16968604.
- Bischoff, S. C. (2007). Food allergies. Curr Treat Options Gastroenterol, 10(1), 34-43. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17298763.
- Breuer, K., Heratizadeh, A., Wulf, A., Baumann, U., Constien, A., Tetau, D., et al. (2004). Late eczematous reactions to food in children with atopic dermatitis. Clin Exp Allergy, 34(5), 817-824. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15144477.

- Daneshjoo, R., & N, J. T. (2002). Eosinophilic gastroenteritis. *Curr Gastroenterol Rep*, 4(5), 366-372. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12228038.
- Egger, J., Carter, C. M., Wilson, J., Turner, M. W., & Soothill, J. F. (1983). Is migraine food allergy? A double-blind controlled trial of oligoantigenic diet treatment. *Lancet*, 2(8355), 865-869. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=6137694.
- Fasano, A. (2005). Clinical presentation of celiac disease in the pediatric population. *Gastroenterology*, 128(4 Suppl 1), S68-73. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15825129. doi: S0016508505001848 [pii]
- Gadewar, S., & Fasano, A. (2005). Celiac disease: is the atypical really typical? Summary of the recent National Institutes of Health Consensus Conference and latest advances. *Curr Gastroenterol Rep*, 7(6), 455-461. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16313875.
- Gaskin DJ., I. J. (2009). Lactose Maldigestion Revisited: Diagnosis, Prevalence in Ethnic Minorities, and Dietary Recommendations to Overcome it. [6-3-10]. *Amer J of Lifestyle Medicine*, May/June, 212-217.
- Hanaway, P., Lipski, E., Lukaczer, D., Mullin, G., & Sult, T. . (2010, February 19-21). Restoring Gastrointestinal Equilibrium: Practical Applications for Understanding, Assessing, and Treating Gut Dysfunction Paper presented at the Restoring Gastrointestinal Equilibrium: Practical Applications for Understanding, Assessing, and Treating Gut Dysfunction, Austin, TX.
- Herman, P. M., & Drost, L. M. (2004). Evaluating the clinical relevance of food sensitivity tests: a single subject experiment. *Altern Med Rev*, 9(2), 198-207. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15253678.
- Hill, D. J., Heine, R. G., & Hosking, C. S. (2004). The diagnostic value of skin prick testing in children with food allergy. *Pediatr Allergy Immunol*, 15(5), 435-441. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15482519. doi: PA1188 [pii] 10.1111/j.1399-3038.2004.00188.x
- Hvatum, M., Kanerud, L., Hallgren, R., & Brandtzaeg, P. (2006). The gut-joint axis: cross reactive food antibodies in rheumatoid arthritis. *Gut*, 55(9), 1240-1247. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/16484508> <http://gut.bmj.com/content/55/9/1240>. doi: gut.2005.076901 [pii] 10.1136/gut.2005.076901
- Iweala OI, N. C. (2006). Immune privilege in the gut: the establishment and maintenance of non-responsiveness to dietary antigens and commensal flora. *Immunological Reviews*, 213, 82-100.
- Jesenak, M., & Banovcin, P. (2006). Atopy patch test in the diagnosis of food allergy in children with atopic dermatitis. *Acta Medica (Hradec Kralove)*, 49(4), 199-201. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17438830.
- Jewett, D. L., Fein, G., & Greenberg, M. H. (1990). A double-blind study of symptom provocation to determine food sensitivity. *N Engl J Med*, 323(7), 429-433. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=2374564.

- Jonathan V. Wright, M. (1999). Food Allergy, Food Sensitivity, and Symptoms of Illness. *Nutrition & Healing*, 6(11), 1-2, 5.
- Kalliomaki, M. (2005). Food allergy and irritable bowel syndrome. *Curr Opin Gastroenterol.* , 21(6), 708-711.
- Kemp, A. S. (2007). Egg allergy. *Pediatr Allergy Immunol*, 18(8), 696-702. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18078424. doi: PAI679 [pii] 10.1111/j.1399-3038.2007.00679.x
- King, D. S. (1988). The reliability and validity of provocative food testing: a critical review. *Med Hypotheses*, 25(1), 7-16. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=3278199. doi: 0306-9877(88)90039-4 [pii]
- Kubincova, L., Payer, J., Killinger, Z., Macugova, I., & Berakova, K. (2007). [Celiac disease--a frequent cause of "idiopathic osteoporosis" in premenopausal and early postmenopausal women]. *Vnitr Lek*, 53(12), 1296-1302. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18357865.
- Kurowski, K., & Boxer, R. W. (2008). Food allergies: detection and management. *Am Fam Physician*, 77(12), 1678-1686. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18619076.
- Liden, M., Kristjansson, G., Valtysdottir, S., Venge, P., & Hallgren, R. (2008). Cow's milk protein sensitivity assessed by the mucosal patch technique is related to irritable bowel syndrome in patients with primary Sjogren's syndrome. *Clin Exp Allergy*, 38(6), 929-935. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/18498540>
<http://onlinelibrary.wiley.com/store/10.1111/j.1365-2222.2008.02983.x/asset/j.1365-2222.2008.02983.x.pdf?v=1&t=gmtokxxm&s=901c8e0a1235b50e22400116b2b3a52d339aa32e>. doi: CEA2983 [pii] 10.1111/j.1365-2222.2008.02983.x
- LTD, B. M. G. (2006). *About Food Allergies: Immuno Laboratories*.
- Millichap, J. G., & Yee, M. M. (2003). The diet factor in pediatric and adolescent migraine. *Pediatr Neurol*, 28(1), 9-15. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12657413.
- Newkirk, M. M., Goldbach-Mansky, R., Senior, B. W., Klippel, J., Schumacher, H. R., Jr., & El-Gabalawy, H. S. (2005). Elevated levels of IgM and IgA antibodies to *Proteus mirabilis* and IgM antibodies to *Escherichia coli* are associated with early rheumatoid factor (RF)-positive rheumatoid arthritis. *Rheumatology (Oxford)*, 44(11), 1433-1441. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/16091399>. doi: kei036 [pii] 10.1093/rheumatology/kei036
- Nielsen, R. G., Bindslev-Jensen, C., Kruse-Andersen, S., & Husby, S. (2004). Severe Gastroesophageal Reflux Disease and Cow Milk Hypersensitivity in Infants and Children: Disease Association and Evaluation of a New Challenge Procedure. *J Pediatr Gastroenterol Nutr*, 39(4), 383-391. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15448429.
- Niggemann, B. (2004). Role of oral food challenges in the diagnostic work-up of food allergy in atopic eczema dermatitis syndrome. *Allergy*, 59 Suppl 78, 32-34. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15245355.

- Niggemann, B., & Beyer, K. (2005). Diagnostic pitfalls in food allergy in children. *Allergy*, 60(1), 104-107. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15575939.
- Ogawa, H., Nakamura, Y., Tokinaga, K., Sakakura, N., & Yamashita, M. (2005). [Case of interstitial cystitis accompanied by food allergy]. *Arerugi*, 54(7), 641-645. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16229364.
- Panizon, F. (1987). [Food allergy and psychosomatic medicine. New frontiers]. *Pediatr Med Chir*, 9(6), 671-677. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=3328158.
- Panush, R. S., Stroud, R. M., & Webster, E. M. (1986). Food-induced (allergic) arthritis. Inflammatory arthritis exacerbated by milk. *Arthritis Rheum*, 29(2), 220-226. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=3513771.
- Pasula, M. J. (1993). The ALCAT test: in vitro procedure for determining food sensitivities. *Folia Med Cracov*, 34(1-4), 153-157. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=8175054.
- Piirainen, L., Pesola, J., Pesola, I., Komulainen, J., & Vaarala, O. (2009). Breastfeeding stimulates total and cow's milk-specific salivary IgA in infants. *Pediatr Allergy Immunol*, 20(3), 295-298. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/19438984>. doi: PAI776 [pii] 10.1111/j.1399-3038.2008.00776.x
- Pohjavuori, E., Viljanen, M., Korpela, R., Kuitunen, M., Tiittanen, M., Vaarala, O., et al. (2004). Lactobacillus GG effect in increasing IFN-gamma production in infants with cow's milk allergy. *J Allergy Clin Immunol*, 114(1), 131-136. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/15241356>. doi: 10.1016/j.jaci.2004.03.036 S0091674904011686 [pii]
- Rottem, M., Darawsha, J., & Zarkin, J. (2004). Atopic dermatitis in infants and children in Israel: clinical presentation, allergies and outcome. *Isr Med Assoc J*, 6(4), 209-212. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15115258.
- Santaella, M. L., Varela, Y., Linares, N., & Disdier, O. M. (2008). Prevalence of autism spectrum disorders in relatives of patients with selective immunoglobulin A deficiency. *P R Health Sci J*, 27(3), 204-208. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18782963.
- Schnoll, R., Burshteyn, D., & Cea-Aravena, J. (2003). Nutrition in the treatment of attention-deficit hyperactivity disorder: a neglected but important aspect. *Appl Psychophysiol Biofeedback*, 28(1), 63-75. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12737097.
- Shils, M. E., & Shike, M. (2006). *Modern nutrition in health and disease* (10th ed.). Philadelphia: Lippincott Williams & Wilkins.
- Spergel, J., Pawlowski, NA. (2002). *Food Allergy: Mechanisms, Diagnosis, and Management in Children*. *Pediatrics Clinics of North America*, 49(Feb).

- Suen R, G. S. (2003). A Critical Review of IgG Immunoglobulins and Food Allergy - Implications in Systemic Health.
- Swoger, J. M., Weiler, C. R., & Arora, A. S. (2007). Eosinophilic esophagitis: is it all allergies? *Mayo Clin Proc*, 82(12), 1541-1549. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=18053464.
- Turjanmaa, K. (2002). "Atopy patch tests" in the diagnosis of delayed food hypersensitivity. *Allerg Immunol (Paris)*, 34(3), 95-97. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12012795.
- Vanwijk, F., & Knippels, L. (2007). Initiating mechanisms of food allergy: Oral tolerance versus allergic sensitization. *Biomedicine & Pharmacotherapy*, 61(1), 8-20. doi: 10.1016/j.biopha.2006.11.003
- Vickerstaff-Joneja, J., & Kline, D. (2008). Food Allergies: Type II, III, and IV Hypersensitivities. *Today's Dietitian*, Vol. 10(1), 10. Retrieved from <http://www.todaysdietitian.com/newarchives/tjjan2008pg10.shtml>.
- Viljanen, M., Savilahti, E., Haahtela, T., Juntunen-Backman, K., Korpela, R., Poussa, T., et al. (2005). Probiotics in the treatment of atopic eczema/dermatitis syndrome in infants: a double-blind placebo-controlled trial. *Allergy*, 60(4), 494-500. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/15727582>
<http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2004.00514.x/abstract>. doi: ALL514 [pii] 10.1111/j.1398-9995.2004.00514.x
- Vojdani, A. (2009). Detection of IgE, IgG, IgA and IgM antibodies against raw and processed food antigens. *Nutrition & Metabolism*, 6(1), 22. doi: 10.1186/1743-7075-6-22
- Vojdani, A., Campbell, A. W., Anyanwu, E., Kashanian, A., Bock, K., & Vojdani, E. (2002). Antibodies to neuron-specific antigens in children with autism: possible cross-reaction with encephalitogenic proteins from milk, *Chlamydia pneumoniae* and *Streptococcus* group A. *J Neuroimmunol*, 129(1-2), 168-177. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12161033. doi: S0165572802001807 [pii]
- WebMD. (2010, 2-9-2009). Food Allergies and Intolerances Retrieved 6-4-10, 2010, from <http://www.webmd.com/allergies/guide/food-allergy-intolerances>

Chapter 15 The Elimination Diet, or How to Feel Remarkably Better in Seven Days.

- Christison, G. W., & Ivany, K. (2006). Elimination diets in autism spectrum disorders: any wheat amidst the chaff? *J Dev Behav Pediatr*, 27(2 Suppl), S162-171. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16685183. doi: 00004703-200604002-00015 [pii]
- Drisko, J., Bischoff, B., Hall, M., & McCallum, R. (2006). Treating irritable bowel syndrome with a food elimination diet followed by food challenge and probiotics. *J Am Coll Nutr*, 25(6), 514-522. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=17229899. doi: 25/6/514 [pii]
- Grazioli, I., Melzi, G., Balsamo, V., Castellucci, G., Castro, M., Catassi, C., et al. (1993). [Food intolerance and irritable bowel syndrome of childhood: clinical efficacy of oral sodium cromoglycate and elimination diet]. *Minerva Pediatr*, 45(6), 253-258. Retrieved from

- http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=8232112.
- Giugliano, D., A. Ceriello, et al. (2006). "The effects of diet on inflammation: emphasis on the metabolic syndrome." *J Am Coll Cardiol* 48(4): 677-85.
- Hafstrom, I., B. Ringertz, et al. (2001). "A vegan diet free of gluten improves the signs and symptoms of rheumatoid arthritis: the effects on arthritis correlate with a reduction in antibodies to food antigens." *Rheumatology (Oxford)* 40(10): 1175-9.
- Jones, V. A., R. J. Dickinson, et al. (1985). "Crohn's disease: maintenance of remission by diet." *Lancet* 2(8448): 177-80.
- Lever, R., C. MacDonald, et al. (1998). "Randomised controlled trial of advice on an egg exclusion diet in young children with atopic eczema and sensitivity to eggs." *Pediatr Allergy Immunol* 9(1): 13-9.
- Lipski, E. (2009). "Elimination Diet", *Restoring Gastrointestinal Equilibrium: Practical Applications for Understanding, Assessing, and Treating Gut Dysbunction* Paper presented at the *Restoring Gastrointestinal Equilibrium: Practical Applications for Understanding, Assessing, and Treating Gut Dysbunction*, Washington, DC.
- Lunardi, C., Bambara, L. M., Biasi, D., Zagni, P., Caramaschi, P., & Pacor, M. L. (1992). Elimination diet in the treatment of selected patients with hypersensitivity vasculitis. *Clin Exp Rheumatol*, 10(2), 131-135. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=1505105.
- Mansfield, L. E., T. R. Vaughan, et al. (1985). "Food allergy and adult migraine: double-blind and mediator confirmation of an allergic etiology." *Ann Allergy* 55(2): 126-9.
- Meggs, W. J. (2004). *The Inflammation Cure : How to Combat the Hidden Factor Behind Heart Disease, Arthritis, Asthma, Diabetes, & Other Diseases*. New York, NY, McGraw-Hill.
- Millichap, J. G. and M. M. Yee (2003). "The diet factor in pediatric and adolescent migraine." *Pediatr Neurol* 28(1): 9-15.
- Nutrient Data Laboratory (2007) Oxygen radical absorbance capacity (ORAC) of selected foods. U.S. Department of Agriculture, Agricultural Research Service, Beltsville Human Nutrition Research Center. <http://www.ars.usda.gov/SP2UserFiles/Place/12354500/Data/ORAC/ORAC07.pdf>
- Pelsser, L. M., & Buitelaar, J. K. (2002). [Favourable effect of a standard elimination diet on the behavior of young children with attention deficit hyperactivity disorder (ADHD): a pilot study]. *Ned Tijdschr Geneesk*, 146(52), 2543-2547. Retrieved from http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12532668.
- Stefanini, G. F., A. Saggiaro, et al. (1995). "Oral cromolyn sodium in comparison with elimination diet in the irritable bowel syndrome, diarrheic type. Multicenter study of 428 patients." *Scand J Gastroenterol* 30(6): 535-41.
- van den Bogaerde, J., M. A. Kamm, et al. (2001). "Immune sensitization to food, yeast and bacteria in Crohn's disease." *Aliment Pharmacol Ther* 15(10): 1647-53.

Chapter 16 Managing Stress and Finding Balance

No references used for this chapter.

Chapter 17 Rebalance Biochemistry: Acid-Alkaline Balance

Brown, S. E., & Trivieri, L. (2006). *The acid alkaline food guide : a quick reference to foods & their effect on pH levels*. Garden City Park, NY: Square One Publishers.

Chapter 18 Cleansing and Detoxification

Part IV: Natural Therapies for Common Digestive Problems

Chapter 19: The Mouth

Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.

Bollen, C. M., Rompen, E. H., & Demanez, J. P. (1999). [Halitosis: a multidisciplinary problem]. *Rev Med Liege*, 54(1), 32-36.

de Oliveira, C., Watt, R., & Hamer, M. (2010). Toothbrushing, inflammation, and risk of cardiovascular disease: results from Scottish Health Survey. *BMJ*, 340, c2451.

Feller, L., & Blignaut, E. (2005). Halitosis: a review. *SADJ*, 60(1), 17-19.

Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source

Holick, M.F. "Vitamin D: Importance in the Prevention of Cancers, Type 1 Diabetes, Heart Disease, and Osteoporosis." *Am J Clin Nutr* 79 (3) (March 2004): 362–71.

Lazzari, R., et al. "Sideropenic Anemia and Celiac Disease." *Pediatr Med Chir* 16, no. 6 (November–December 1994): 549–50.

Malstrom, M., O.P. Salo, and F. Fyhrquist. "Immunogenetic Markers and Immune Response in Patients with Recurrent Oral Ulceration." *Int J Oral Surg* 12, no. 1 (February 1983): 23–30.

O'Farrelly, C., et al. "Gliadin Antibodies Identify Gluten-Sensitive Oral Ulceration in the Absence of Villous Atrophy." *J Oral Path Med* 20, no. 10 (November 1991): 476–78.

Petersen Vikki, P. R. (2009). *The Gluten Effect: How "Innocent" Wheat is Ruining Your Health*: True Health Publ.

Porter, S.R., C. Scully, and S. Flint. "Hematologic Status in Recurrent Aphthous Stomatitis Compared with Other Oral Disease." *Med Oral Path* 66, no. 1 (July 1988): 41–44.

Shibasaki, T. "The Relationship of Nutrition and Dietary Habits to Gingivitis, Dental Calculus Deposit, and Dental Plaque Adhesion in High School Students." *Shoni Shikagaku Zasshi* 27, no. 2 (1989): 415–26.

Siblerud, R.L. "Relationship Between Mercury from Dental Amalgam and Oral Cavity Health." *Ann Dent* (Winter 1990): 6–10.

Singhal, S., Dian, D., Keshavarzian, A., Fogg, L., Fields, J. Z., & Farhadi, A. (2010). The Role of Oral Hygiene in Inflammatory Bowel Disease. *Dig Dis Sci*. doi: 10.1007/s10620-010-1263-9

Suzuki, N., Yoneda, M., Naito, T., Iwamoto, T., Masuo, Y., Yamada, K., . . . Hirofuji, T. (2008). Detection of *Helicobacter pylori* DNA in the saliva of patients complaining of halitosis. *J Med Microbiol*, 57(Pt 12), 1553-1559. doi: 10.1099/jmm.0.2008/003715-0

Chapter 20: The Esophagus and Stomach

"*Helicobacter pylori* in Peptic Ulcer Disease." National Institutes of Health Consensus Statement 12, no. 1 (February 1994).

Ahmad, M., Soetikno, R. M., & Ahmed, A. (2000). The differential diagnosis of eosinophilic esophagitis. *J Clin Gastroenterol*, 30(3), 242-244.

Arora, A. S., & Yamazaki, K. (2004). Eosinophilic esophagitis: asthma of the esophagus? *Clin Gastroenterol Hepatol*, 2(7), 523-530.

Attwood, S. E., Lewis, C. J., Bronder, C. S., Morris, C. D., Armstrong, G. R., & Whittam, J. (2003). Eosinophilic oesophagitis: a novel treatment using Montelukast. *Gut*, 52(2), 181-185.

Batmanghelidj, F. (1995). *Your body's many cries for water : you are not sick, you are thirsty! : don't treat thirst with medications* (2nd ed.). Falls Church, VA: Global Health Solutions.

Bircher, A. J., Gysi, B., Zenklusen, H. R., & Aerni, R. (2000). [Eosinophilic esophagitis associated with recurrent urticaria: is the worm *Anisakis simplex* involved?]. *Schweiz Med Wochenschr*, 130(47), 1814-1819.

Braden, B., Caspary, W., Borner, N., Vinson, B., & Schneider, A. R. (2009). Clinical effects of STW 5 (Iberogast) are not based on acceleration of gastric emptying in patients with functional dyspepsia and gastroparesis. *Neurogastroenterol Motil*, 21(6), 632-638, e625. doi: NMO1249 [pii] 10.1111/j.1365-2982.2008.01249.x

Bubenik, G. A., Blask, D. E., Brown, G. M., Maestroni, G. J., Pang, S. F., Reiter, R. J., et al. (1998). Prospects of the clinical utilization of melatonin. *Biol Signals Recept*, 7(4), 195-219. doi: bsi07195 [pii]

Charnow, J. A. "Vitamin A, Fiber May Cut Risk of Duodenal Ulcer." *Med Trib Med News* (February 6, 1997): 15.

Cheung, K. M., Oliver, M. R., Cameron, D. J., Catto-Smith, A. G., & Chow, C. W. (2003). Esophageal eosinophilia in children with dysphagia. *J Pediatr Gastroenterol Nutr*, 37(4), 498-503.

Correa, P., et al. "Chemoprevention of Gastric Dysplasia: Randomized Trial of Antioxidant Supplements and Anti-*Helicobacter pylori* Therapy." *J Nat Can Inst* 2000 (92): 1881-88.

Cury, E. K., Schraibman, V., & Faintuch, S. (2004). Eosinophilic infiltration of the esophagus: gastroesophageal reflux versus eosinophilic esophagitis in children--discussion on daily practice. *J Pediatr Surg*, 39(2), e4-7.

- Dahms, B. B. (2004). Reflux esophagitis: sequelae and differential diagnosis in infants and children including eosinophilic esophagitis. *Pediatr Dev Pathol*, 7(1), 5-16.
- Daneshjoo, R., & N, J. T. (2002). Eosinophilic gastroenteritis. *Curr Gastroenterol Rep*, 4(5), 366-372.
- Elitsur, Y. (2002). Learning more about eosinophilic esophagitis. *J Pediatr Gastroenterol Nutr*, 35(5), 711-712.
- Evrard, S., Louis, H., Kahaleh, M., Zalcmann, M., Nagy, N., El Nakadi, I., & Deviere, J. (2004). Idiopathic eosinophilic oesophagitis: atypical presentation of a rare disease. *Acta Gastroenterol Belg*, 67(2), 232-235.
- Fogg, M. I., Ruchelli, E., & Spergel, J. M. (2003). Pollen and eosinophilic esophagitis. *J Allergy Clin Immunol*, 112(4), 796-797.
- Furuta, G. T., Nurko, S., Bousvaros, A., Antonioli, D., & Badizadegan, K. (2000). The spectrum of pediatric gastroesophageal reflux. *Jama*, 284(24), 3125-3126.
- Germann, I., Hagelauer, D., Kelber, O., Vinson, B., Laufer, S., Weiser, D., & Heinle, H. (2006). Antioxidative properties of the gastrointestinal phytopharmaceutical remedy STW 5 (Iberogast). *Phytomedicine*, 13 Suppl 5, 45-50. doi: S0944-7113(06)00073-0 [pii] 10.1016/j.phymed.2006.03.018
- Grossman, M., J. Kirsner, and I. Gillespie. "Basal and Histalog-Stimulated Gastric Secretion in Control Subjects and in Patients with Peptic Ulcer or Gastric Cancer." *Gastroenterology* 45 (1963): 15–26.
- Gumowski, P., et al. "Chronic Asthma and Rhinitis Due to *Candida albicans*, *Epidermophyton*, and *Trichophyton*." *Ann Allergy* 59, no. 1 (July 1987): 48–51.
- Halpern, G. (2009). Peptic Ulcer Disease and *Helicobacter pylori*. In I. Kohlstadt (Ed.), *Food and Nutrients in Disease Management*. Boca Raton, FL: Taylor and Francis.
- Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source
- Hoffman, R. *7 Weeks to a Settled Stomach*. New York: Pocket Books, 1990.
- Husebye, E., et al. "Fasting Hypochlorhydria with Gram Positive Gastric Flora Is Highly Prevalent in Healthy Old People." *Gut* 33 (October 1992): 133–37.
- Iijima, K., et al. "Novel Mechanism of Nitrosative Stress from Dietary Nitrate with Relevance to Gastro-Esophageal Junction Cancers." *Carcinogenesis* 24 (12) (December 2003): 1951–60. Published online September 11, 2003. <http://carcin.oopjournals.org/cgi/content/fall/24/12/1951>.
- Jancin, B. "Gastroesophageal Disease Linked to Long Antacid Use." *Fam Pract News* 26, no. 13 (July 1, 1996): 12.

- Kandil, T. S., Mousa, A. A., El-Gendy, A. A., & Abbas, A. M. (2010). The potential therapeutic effect of melatonin in Gastro-Esophageal Reflux Disease. *BMC Gastroenterol*, *10*, 7. doi: 1471-230X-10-7 [pii] 10.1186/1471-230X-10-7
- Khan, S., Orenstein, S. R., Di Lorenzo, C., Kocoshis, S. A., Putnam, P. E., Sigurdsson, L., & Shalaby, T. M. (2003). Eosinophilic esophagitis: strictures, impactions, dysphagia. *Dig Dis Sci*, *48*(1), 22-29.
- Khayyal, M.T., et al. "A Clinical Pharmacological Study of the Potential Beneficial Effects of a Propolis Food Product as an Adjuvant in Asthmatic Patients." *Fundam Clin Pharmacol* *17* (1) (February 2003): -93-102.
- Kimikazu, I., J. Kiyonana, and M. Ishikawa. "Studies on Gamma-Oryzanol II—The Anti-Ulcerogenic Action." Tokushima: Research Institute, Otsuka Pharmaceutical Co., Ltd., 1976.
- Kukuruzovic, R. H., Elliott, E. E., O'Loughlin, E. V., & Markowitz, J. E. (2004). Non-surgical interventions for eosinophilic oesophagitis. *Cochrane Database Syst Rev*(3), CD004065.
- Li, M.H., H.L. Zhang, and B.Y. Yang. "Effects of Ginkgo Leave Concentrated Oral Liquor in Treating Asthma." *Chung Kuo Chung Hsi I Chieh Ho Tsa Chih* *17*, no. 4 (April 1997): 216-18.
- Liacouras, C. A. (2003). Eosinophilic esophagitis in children and adults. *J Pediatr Gastroenterol Nutr*, *37* Suppl 1, S23-28.
- Liacouras, C. A., & Markowitz, J. E. (1999). Eosinophilic esophagitis: A subset of eosinophilic gastroenteritis. *Curr Gastroenterol Rep*, *1*(3), 253-258.
- Lim, J. R., Gupta, S. K., Croffie, J. M., Pfefferkorn, M. D., Molleston, J. P., Corkins, M. R., . . . Fitzgerald, J. F. (2004). White specks in the esophageal mucosa: An endoscopic manifestation of non-reflux eosinophilic esophagitis in children. *Gastrointest Endosc*, *59*(7), 835-838.
- Markowitz, J. E., & Liacouras, C. A. (2003). Eosinophilic esophagitis. *Gastroenterol Clin North Am*, *32*(3), 949-966.
- Markowitz, J. E., Spergel, J. M., Ruchelli, E., & Liacouras, C. A. (2003). Elemental diet is an effective treatment for eosinophilic esophagitis in children and adolescents. *Am J Gastroenterol*, *98*(4), 777-782.
- Maruyama, K., and K. Kashiwzaki. "Clinical Trial of Gamma-Oryzanol on Gastrointestinal Symptoms at 375 Hospitals." Japan: Department of Internal Medicine, Keio University, 1977.
- Matusiewicz, R. "The Homeopathic Treatment of Corticosteroid-Dependent Asthma: A Double-Blind, Placebo-Controlled Study." *Biomedical Therapy* *15*, no. 4 (1997): 117-22.
- Minakuchi, C., et al. "Effectiveness of Gamma-Oryzanol on Various Gastrointestinal Complaints." *Shinyaku to Rinsho* *25*, no. 10 (1976): 29.

- Nastaskin, I., Mehdikhani, E., Conklin, J., Park, S., & Pimentel, M. (2006). Studying the overlap between IBS and GERD: a systematic review of the literature. *Dig Dis Sci*, *51*(12), 2113-2120. doi: 10.1007/s10620-006-9306-y
- NIDDK. (2010). *H. pylori and Peptic Ulcers*. (NIH Publication No. 10-4225 April 2010). Bethesda: NIDDK Retrieved from <http://digestive.nidk.nih.gov/ddiseases/pubs/hpylori/>.
- Noel, R. J., Putnam, P. E., & Rothenberg, M. E. (2004). Eosinophilic esophagitis. *N Engl J Med*, *351*(9), 940-941.
- Pilichiewicz, A. N., Horowitz, M., Russo, A., Maddox, A. F., Jones, K. L., Schemann, M., . . . Feinle-Bisset, C. (2007). Effects of Iberogast on proximal gastric volume, antropyloroduodenal motility and gastric emptying in healthy men. *Am J Gastroenterol*, *102*(6), 1276-1283. doi: AJG1142 [pii] 10.1111/j.1572-0241.2007.01142.x
- Pimentel, M., Bonorris, G. G., Chow, E. J., & Lin, H. C. (2001). Peppermint oil improves the manometric findings in diffuse esophageal spasm. *J Clin Gastroenterol*, *33*(1), 27-31.
- Potter, J. W., Saeian, K., Staff, D., Massey, B. T., Komorowski, R. A., Shaker, R., & Hogan, W. J. (2004). Eosinophilic esophagitis in adults: an emerging problem with unique esophageal features. *Gastrointest Endosc*, *59*(3), 355-361.
- Rance, F., et al. "Food Allergy and Asthma in Children." *Rev Pneumol Clin* 59 (2 Part 1) (April 2003): 109-13.
- Resnick, C. "The Effects of Gamma-Oryzanol on Ulcers, Gastritis, Hyperlipidemias, and Menopausal Disorders." Research review. Tyler Encapsulations, 1993.
- Rode, D. "Comfrey Toxicity Revisited." *Trends Pharmacol Sci* 23 (11) (November 2002): 497-99.
- Sant'Anna, A. M., Rolland, S., Fournet, J. C., Yazbeck, S., & Drouin, E. (2004). Eosinophilic Esophagitis in Children: Symptoms, Histology and pH Probe Results. *J Pediatr Gastroenterol Nutr*, *39*(4), 373-377.
- Seigel, M.A., and B.A. Balciunas. "Medication Can Induce Severe Ulcers." *J Am Dent Assoc* 122, no. 10 (September 1991): 75-77.
- Shabert, J. *The Ultimate Nutrient Glutamine*. Garden City Park, N.Y.: Avery, 1994.
- Shayne P., M. M. (2009). Gastritis and Peptic Ulcer Disease. *emedicine*. Retrieved from <http://emedicine.medscape.com/article/776460-print>
- Sigthorsson, G., Tibble, J., Hayllar, J., Menzies, I., Macpherson, A., Moots, R., . . . Bjarnason, I. (1998). Intestinal permeability and inflammation in patients on NSAIDs. *Gut*, *43*(4), 506-511.
- Singh, G. "Recent Considerations in Nonsteroidal Anti-Inflammatory Drug Gastropathy." *Am J Med* 105, no. 1B (July 27, 1998): 31S-38S.
- Sinharay, R. (2004). Gastrointestinal conditions with eosinophilia. *Arch Intern Med*, *164*(7), 805-806.
- Straumann, A. (2004). [What is your diagnosis? Primary eosinophilic esophagitis]. *Schweiz Rundsch Med Prax*, *93*(19), 795-796.

- Sueoka, N., Suganuma, M., Sueoka, E., Okabe, S., Matsuyama, S., Imai, K., et al. (2001). A new function of green tea: prevention of lifestyle-related diseases. *Ann N Y Acad Sci*, 928, 274-280.
- Sundaram, S., Sunku, B., Nelson, S. P., Sentongo, T., Melin-Aldana, H., Kumar, R., & Li, B. U. (2004). Adherent white plaques: an endoscopic finding in eosinophilic esophagitis. *J Pediatr Gastroenterol Nutr*, 38(2), 208-212.
- Swoger, J. M., Weiler, C. R., & Arora, A. S. (2007). Eosinophilic esophagitis: is it all allergies? *Mayo Clin Proc*, 82(12), 1541-1549.
- Topkan, E., Yavuz, M. N., Onal, C., & Yavuz, A. A. (2009). Prevention of acute radiation-induced esophagitis with glutamine in non-small cell lung cancer patients treated with radiotherapy: evaluation of clinical and dosimetric parameters. *Lung Cancer*, 63(3), 393-399. doi: S0169-5002(08)00359-0 [pii] 10.1016/j.lungcan.2008.06.015
- Vieth, M., & Stolte, M. (2000). [Eosinophilic esophagitis: a largely unknown entity?]. *Z Gastroenterol*, 38(5), 447-448.
- Woods, R.K., et al. "Food and Nutrient Intakes and Asthma Risk in Young Adults." *Am J Clin Nutr* 78 (3) (September 2003): 414–21.
- Yamaguchi, K., Iwakiri, R., Hara, M., Kikkawa, A., Fujise, T., Ootani, H., et al. (2008). Reflux esophagitis and Helicobacter pylori infection in patients with scleroderma. *Intern Med*, 47(18), 1555-1559. doi: JST.JSTAGE/internalmedicine/47.1128 [pii]
- Yoshinari, T. "Usefulness of Hi-Z Fine Granule (Gamma-Oryzanol) for the Treatment of Autonomic Instability in Gastrointestinal System." *Shinyaku to Rinsho* 225, no. 3 (1976): 56.

Chapter 21: The Liver

- "Hepatitis Viral Load Correlates to Glutathione Levels." *Posit Health News* no. 17 (Fall 1998): 14–15.
- Andreone, P., Fiorino, S., Cursaro, C., Gramenzi, A., Margotti, M., Di Giammarino, L., . . . Bernardi, M. (2001). Vitamin E as treatment for chronic hepatitis B: results of a randomized controlled pilot trial. *Antiviral Res*, 49(2), 75-81. doi: S0166-3542(00)00141-8 [pii]
- Bayol, S. A., Simbi, B. H., Fowkes, R. C., & Stickland, N. C. (2010). A maternal "junk food" diet in pregnancy and lactation promotes nonalcoholic Fatty liver disease in rat offspring. *Endocrinology*, 151(4), 1451-1461. doi: en.2009-1192 [pii] 10.1210/en.2009-1192
- Bean, P. (2002). The use of alternative medicine in the treatment of hepatitis C. *Am Clin Lab*, 21(4), 19-21.
- Berkson, B. M. (1999). A conservative triple antioxidant approach to the treatment of hepatitis C. Combination of alpha lipoic acid (thioctic acid), silymarin, and selenium: three case histories. *Med Klin (Munich)*, 94 Suppl 3, 84-89.
- Bottiglieri, T. "S-Adenosyl-L-Methionine (SAME): From the Bench to the Bedside—Molecular Basis of a Pleiotrophic Molecule." *Am J Clin Nutr* 76 (5) (November 2002): 1151S-57S.

Cave, M., Deaciuc, I., Mendez, C., Song, Z., Joshi-Barve, S., Barve, S., & McClain, C. (2007). Nonalcoholic fatty liver disease: predisposing factors and the role of nutrition. *J Nutr Biochem*, 18(3), 184-195. doi: S0955-2863(06)00273-7 [pii] 10.1016/j.jnutbio.2006.12.006

Chaturvedi, G.N., and R.H. Singh. "Jaundice of Infectious Hepatitis and Its Treatment with an Indigenous Drug, Picrorhiza Kurrooa [sic]." *J Res Ind Med* 1 (1966): 1–13.

Collison, K. S., Saleh, S. M., Bakheet, R. H., Al-Rabiah, R. K., Inglis, A. L., Makhoul, N. J., . . . Al-Mohanna, F. A. (2009). Diabetes of the liver: the link between nonalcoholic fatty liver disease and HFCS-55. *Obesity (Silver Spring)*, 17(11), 2003-2013. doi: oby200958 [pii] 10.1038/oby.2009.58

Dubey, S.S., G.R. Palodhi, and A.K. Jain. "Ascorbic Acid, Dehydroascorbic Acid, and Glutathione in Liver Disease." *Indian J Physiol Pharmacol* 31 (4) (October–December 1987): 279–83.

Evaluating Silymarin for Chronic Hepatitis C, www.nccam.nih.gov

Frezza, M., et al. "Oral S-Adenosylmethionine in the Symptomatic Treatment of Intrahepatic Cholestasis: A Double-Blind Placebo Controlled Study." *Gastroenterology* 99 (1990): 211–15.

Fujimoto, M., Tsuneyama, K., Kinoshita, H., Goto, H., Takano, Y., Selmi, C., . . . Shimada, Y. (2010). The traditional Japanese formula keishibukuryogan reduces liver injury and inflammation in patients with nonalcoholic fatty liver disease. *Ann N Y Acad Sci*, 1190(1), 151-158. doi: NYAS5265 [pii] 10.1111/j.1749-6632.2009.05265.x

Gorbach, S. L. (2002). Probiotics in the third millennium. *Dig Liver Dis*, 34 Suppl 2, S2-7.

Gulati, R.K., S. Agarwal, and S.S. Agarwal. "Hepatoprotective Studies on Phyllanthus Emblica Linn. and Quercetin." *Indian J Exp Biol* 33 (4) (April 1995): 261–68.

Harnyk, T.P. "The Effect of Plant Preparations on the Malondialdehyde Indices of Patients with Chronic Hepatitis." *Lik Sprava* (6) (September 1999): 129–31.

Hepatitis B Foundation, www.hepb.org

Hong, L., Zhao, Y., Han, Y., Guo, W., Wang, J., Li, X., et al. (2007). Reversal of migraine symptoms by *Helicobacter pylori* eradication therapy in patients with hepatitis-B-related liver cirrhosis. *Helicobacter*, 12(4), 306-308. doi: HEL512 [pii]10.1111/j.1523-5378.2007.00512.x

Jain, S.K., et al. "Oxidative Stress in Chronic Hepatitis C: Not Just a Feature of Late Stage Disease." *J Hepatol* 36 (6) (June 2002): 805–11.

Karamanlioglu, B., et al. "Hepatobiliary Scintigraphy for Evaluating the Hepatotoxic Effect of Halothane and the Protective Effect of Catechin in Comparison with Histo-Chemical Analysis of Liver Tissue." *Nucl Med Commun* 23 (1) (January 2002): 53–59.

Kitchell, B. B. (1984). Heart and liver lipid fatty acid and behavior changes in mice after a diet change. *Life Sci*, 34(17), 1613-1620.

Komar, V.I., and V.S. Vasil'ev. "The Use of Water-Soluble Vitamins in Viral Hepatitis A." *Klin Med (Mosk)* 70 (1) (January 1992): 73–75.

- Kumar, K.S., and P.F. Malet. "Nonalcoholic Steatohepatitis." *Mayo Clin Proc* 75 (7) (July 2000): 733–39.
- Li, J., L. Zhou, and Y. Zhang. "Studies on the Effects of Tea Catechins Against Hepatitis B Virus Infection." *Zhonghua Yu Fang Yi Xue Za Zhi* 35 (6) (November 2001): 404–7.
- Loguercio, C., and A. Federico. "Oxidative Stress in Viral and Alcoholic Hepatitis." *Free Radic Biol Med* 34 (1) (January 2003): 1–10.
- Lucena, M.I., et al. "Effects of Silymarin MZ-80 on Oxidative Stress in Patients with Alcoholic Cirrhosis. Results of a Randomized, Double-Blind, Placebo-Controlled Clinical Study." *Int J Clin Pharmacol Ther* 40 (1) (January 2002): 2–8.
- Luper, S. "A Review of Plants Used in the Treatment of Liver Disease: Part 1." *Altern Med Rev* 3 (6) (December 1998): 410–21.
- Mahmood, S., et al. "Effect of Vitamin E on Serum Aminotransferase and Thioredoxin Levels in Patients with Viral Hepatitis C." *Free Radic Res* 37 (7) (July 2003): 781–85.
- Manton, D., N.D., et al. "Non-Alcoholic Steatohepatitis in Children and Adolescents." *MJA* 173 (2000): -476–79.
- Marleau, D. Hepnet: www.hepnet.com/hepc/uldh98/marleau.html, Saint-Luc Campus, University of Montreal.
- Moller, E., and R. Schmitt. "A Contribution to the Treatment of Chronic Liver Diseases." *Med Klin* 71 (43) (October 22, 1976): 1831–53.
- Moscarella, S., et al. "Lipid Peroxidation, Trace Elements and Vitamin E in Patients with Liver Cirrhosis." *Eur J Gastroenterol Hepatol* 6 (1994): 633–36.
- Nseir, W., Nassar, F., & Assy, N. (2010). Soft drinks consumption and nonalcoholic fatty liver disease. *World J Gastroenterol*, 16(21), 2579-2588.
- Ouyang, X., Cirillo, P., Sautin, Y., McCall, S., Bruchette, J. L., Diehl, A. M., . . . Abdelmalek, M. F. (2008). Fructose consumption as a risk factor for non-alcoholic fatty liver disease. *J Hepatol*, 48(6), 993-999. doi: S0168-8278(08)00164-5 [pii] 10.1016/j.jhep.2008.02.011
- Patrick, L. "Hepatitis C: Epidemiology and Review of Complementary/Alternative Medicine Treatments." *Altern Med Rev* 4 (4) (August 1999): 220–38.
- Pessayre, D., A. Mansouri, and B. Fromenty. "Nonalcoholic Steatosis and Steatohepatitis. V. Mitochondrial Dysfunction in Steatohepatitis." *Am J Physiol Gastrointest Liver Physiol* 282 (2) (February 2002): G193–99.
- Sakaida, I., Matsumura, Y., Akiyama, S., Hayashi, K., Ishige, A., & Okita, K. (1998). Herbal medicine Sho-saiko-to (TJ-9) prevents liver fibrosis and enzyme-altered lesions in rat liver cirrhosis induced by a choline-deficient L-amino acid-defined diet. *J Hepatol*, 28(2), 298-306. doi: 0168827888800175 [pii]

- Schwimmer, J. B., Deutsch, R., Kahen, T., Lavine, J. E., Stanley, C., & Behling, C. (2006). Prevalence of fatty liver in children and adolescents. *Pediatrics*, *118*(4), 1388-1393. doi: 118/4/1388 [pii] 10.1542/peds.2006-1212
- Seeff, L. B., Curto, T. M., Szabo, G., Everson, G. T., Bonkovsky, H. L., Dienstag, J. L., . . . Ghany, M. G. (2008). Herbal product use by persons enrolled in the hepatitis C Antiviral Long-Term Treatment Against Cirrhosis (HALT-C) Trial. *Hepatology*, *47*(2), 605-612. doi: 10.1002/hep.22044
- Shimizu, I. "Sho-saiko-to: Japanese Herbal Medicine for Protection Against Hepatic Fibrosis and Carcinoma." *J Gastroenterol Hepatol* 15 (Suppl) (March 2000): S84–S90.
- Sueoka, N., Suganuma, M., Sueoka, E., Okabe, S., Matsuyama, S., Imai, K., et al. (2001). A new function of green tea: prevention of lifestyle-related diseases. *Ann N Y Acad Sci*, *928*, 274-280.
- Tarao, K., Fujiyama, S., Ohkawa, S., Miyakawa, K., Tamai, S., Hirokawa, S., . . . Tanaka, K. (2005). Ursodiol use is possibly associated with lower incidence of hepatocellular carcinoma in hepatitis C virus-associated liver cirrhosis. *Cancer Epidemiol Biomarkers Prev*, *14*(1), 164-169. doi: 14/1/164 [pii]
- Teselkin, Y.O., et al. "Dihydroquercetin as a Means of Antioxidative Defence in Rats with Tetrachloromethane Hepatitis." *Phytother Res* 14 (3) (May 2000): 160–62.
- Thyagarajan, S., et al. "Herbal Medicines for Liver Diseases in India." *J Gastroenterol Hepatol* 17 (Suppl 3) (December 2002): S370–76.
- Von Herbay, A., et al. "Vitamin E Improves the Aminotransferase Status of Patients Suffering from Viral Hepatitis C: A Randomized, Double-Blind, Placebo-Controlled Study." *Free Radic Res* 27 (6) (December 1997): 599–605.
- Watanabe, A., et al. "Nutritional Therapy of Chronic Hepatitis by Whey Protein (Non-Heated)." *J Med* 31 (5–6) (2000): 283–302.
- Wilhelm, K.P., et al. "Halothane Hepatotoxicity in Glutathione Depleted Rats." *J Appl Toxicol* 7 (2) (April 1987): 105–10.
- Yadav, D., et al. "Serum and Liver Micronutrient Antioxidants and Serum Oxidative Stress in Patients with Chronic Hepatitis C." *Am J Gastroenterol* 97 (10) (October 2002): 2634–39.
- Yamashiki, M., Nishimura, A., Huang, X. X., Nobori, T., Sakaguchi, S., & Suzuki, H. (1999). Effects of the Japanese herbal medicine "Sho-saiko-to" (TJ-9) on interleukin-12 production in patients with HCV-positive liver cirrhosis. *Dev Immunol*, *7*(1), 17-22.

Chapter 22: The Pancreas

- Akerblom, H. K., Knip, M., & Vaarala, O. (2000). VII International "Onnela" Workshop: gut immune system and type 1 diabetes mellitus held in Janakkala, Finland, June 25-26, 1998. *J Pediatr Endocrinol Metab*, *13*(3), 333-337.

- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.
- Berthoud, P. (2007). [Diabetes and celiac disease]. *Soins*(714 Suppl), S10, S12-15.
- Burkitt, D. (1984). Fiber as protective against gastrointestinal diseases. *Am J Gastroenterol*, 79(4), 249-252.
- Burkitt, D. P. (1981). The protective properties of dietary fiber. *N C Med J*, 42(7), 467-471.
- Burkitt, D. P. (1988). Dietary fiber and cancer. *J Nutr*, 118(4), 531-533.
- Burkitt, D. P., & Trowell, H. C. (1977). Dietary fibre and western diseases. *Ir Med J*, 70(9), 272-277.
- Dahlqvist, G. (1995). Celiac disease and insulin-dependent diabetes mellitus--no proof for a causal association. *Acta Paediatr*, 84(12), 1337-1338.
- De Block, C. E. (2000). [Diabetes mellitus type 1 and associated organ-specific autoimmunity]. *Verh K Acad Geneesk Belg*, 62(4), 285-328.
- de Luis, D. A., Lahera, M., Canton, R., Boixeda, D., San Roman, A. L., Aller, R., et al. (1998). Association of Helicobacter pylori infection with cardiovascular and cerebrovascular disease in diabetic patients. *Diabetes Care*, 21(7), 1129-1132.
- Drago, S., El Asmar, R., Di Pierro, M., Grazia Clemente, M., Tripathi, A., Sapone, A., . . . Fasano, A. (2006). Gliadin, zonulin and gut permeability: Effects on celiac and non-celiac intestinal mucosa and intestinal cell lines. *Scand J Gastroenterol*, 41(4), 408-419. doi: G66681758U25V63P [pii] 10.1080/00365520500235334
- Fasano, A. (2008). Physiological, pathological, and therapeutic implications of zonulin-mediated intestinal barrier modulation: living life on the edge of the wall. *Am J Pathol*, 173(5), 1243-1252. doi: ajpath.2008.080192 [pii]10.2353/ajpath.2008.080192
- Fasano, A. (2009). Surprises from celiac disease. *Sci Am*, 301(2), 54-61.
- Fasano, A. "Celiac Disease: How to Handle a Clinical Chameleon." *N Engl J Med* 34 (25) (June 19, 2003): - 2568-70.
- Frohlich-Reiterer, E. E., Hofer, S., Kaspers, S., Herbst, A., Kordonouri, O., Schwarz, H. P., et al. (2008). Screening frequency for celiac disease and autoimmune thyroiditis in children and adolescents with type 1 diabetes mellitus--data from a German/Austrian multicentre survey. *Pediatr Diabetes*, 9(6), 546-553. doi: PDI435 [pii]10.1111/j.1399-5448.2008.00435.x
- Fuchtenbusch, M., Karges, W., Standl, E., Dosch, H. M., & Ziegler, A. G. (1997). Antibodies to bovine serum albumin (BSA) in type 1 diabetes and other autoimmune disorders. *Exp Clin Endocrinol Diabetes*, 105(2), 86-91.
- Galli-Tsinopoulou, A., Nousia-Arvanitakis, S., Dracoulacos, D., Xefteri, M., & Karamouzis, M. (1999). Autoantibodies predicting diabetes mellitus type I in celiac disease. *Horm Res*, 52(3), 119-124. doi: hre52119 [pii]

- Green, P. H. (2005). The many faces of celiac disease: clinical presentation of celiac disease in the adult population. *Gastroenterology*, 128(4 Suppl 1), S74-78. doi: S001650850500185X [pii]
- Guvenc, S., Kaymakoglu, S., Gurel, N., Karsidag, K., Demir, K., Dincer, D., et al. (2002). The prevalence of manifest and latent celiac disease in type 1 diabetes mellitus. *Turk J Gastroenterol*, 13(2), 103-107.
- Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source
- Holick, M.F. "Vitamin D: Importance in the Prevention of Cancers, Type 1 Diabetes, Heart Disease, and Osteoporosis." *Am J Clin Nutr* 79 (3) (March 2004): 362-71.
- Ingegnesi, C., Caruso-Nicoletti, M., D'Amato, E., d'Annunzio, G., & Lorini, R. (2008). Hyperglycemia in celiac disease: not always pretype 1 diabetes? *Pediatr Diabetes*, 9(4 Pt 1), 335-337. doi: PDI384 [pii]10.1111/j.1399-5448.2008.00384.x
- Jaffe R., M., J. (2009). Diabetes: Food and Nutrients in Primary Practice. In I. Kohlsadt (Ed.), *Food and Nutrients in Disease Management* (pp. 281-300). Boca Raton, FL: CRC Press, Taylor & Francis Group.
- Jaffe, R., Mani, J., DeVane, J., & Mani, H. (2006). Tolerance loss in diabetics: association with foreign antigen exposure. *Diabet Med*, 23(8), 924-925. doi: DME1846 [pii] 10.1111/j.1464-5491.2006.01846.x
- Jiang, R. Q., Zhang, D. X., & Bai, C. Y. (2007). [Clinical study on Tangweikang in treating diabetic gastroparesis]. *Zhongguo Zhong Xi Yi Jie He Za Zhi*, 27(2), 114-116.
- Karaguzel, G., Simsek, S., Deger, O., & Okten, A. (2008). Screening of diabetes, thyroid, and celiac diseases-related autoantibodies in a sample of Turkish children with type 1 diabetes and their siblings. *Diabetes Res Clin Pract*, 80(2), 238-243. doi: S0168-8227(07)00622-5 [pii]10.1016/j.diabres.2007.12.007
- Kivling, A., Nilsson, L., Falth-Magnusson, K., Sollvander, S., Johanson, C., & Faresjo, M. (2008). Diverse foxp3 expression in children with type 1 diabetes and celiac disease. *Ann N Y Acad Sci*, 1150, 273-277. doi: NYAS1150018 [pii]10.1196/annals.1447.018
- Lammer, C., & Weimann, E. (2008). Early onset of type I diabetes mellitus, Hashimoto's thyroiditis and celiac disease in a 7-yr-old boy with Down's syndrome. *Pediatr Diabetes*, 9(4 Pt 2), 423-425. doi: PDI355 [pii]10.1111/j.1399-5448.2008.00355.x
- Mamoulakis, D., Galanakis, E., Dionyssopoulou, E., Evangelidou, A., & Sbyrakis, S. (2004). Carnitine deficiency in children and adolescents with type 1 diabetes. *J Diabetes Complications*, 18(5), 271-274. doi: 10.1016/S1056-8727(03)00091-6S1056872703000916 [pii]
- Mani, J. (2003). *Case Study of a 13-Year Old Male with Diabetes*. case study Elisa Act Biotechnologies. Reston VA
- Mont-Serrat, C., Hoinoff, C., Meirelles, R. M., & Kupfer, R. (2008). [Diabetes and autoimmune diseases: prevalence of celiac disease in children and adolescents with type 1 diabetes]. *Arq Bras Endocrinol Metabol*, 52(9), 1461-1465. doi: S0004-27302008000900009 [pii]
- Murray, J. A. (2005). Celiac disease in patients with an affected member, type 1 diabetes, iron-deficiency, or osteoporosis? *Gastroenterology*, 128(4 Suppl 1), S52-56. doi: S0016508505001988 [pii]

- Narula, P., Porter, L., Langton, J., Rao, V., Davies, P., Cummins, C., . . . Protheroe, S. (2009). Gastrointestinal symptoms in children with type 1 diabetes screened for celiac disease. *Pediatrics*, *124*(3), e489-495. doi: peds.2008-2434 [pii] 10.1542/peds.2008-2434
- Neu, J., Reverte, C. M., Mackey, A. D., Liboni, K., Tuhacek-Tenace, L. M., Hatch, M., et al. (2005). Changes in intestinal morphology and permeability in the biobreeding rat before the onset of type 1 diabetes. *J Pediatr Gastroenterol Nutr*, *40*(5), 589-595. doi: 00005176-200505000-00011 [pii]
- Pappa, K. I., Anagnou, N. P., Salamalekis, E., Bikouvarakis, S., Maropoulos, G., Anogianaki, N., . . . Koumantakis, E. (2005). Gestational diabetes exhibits lack of carnitine deficiency despite relatively low carnitine levels and alterations in ketogenesis. *J Matern Fetal Neonatal Med*, *17*(1), 63-68. doi: V30662N13V309271 [pii] 10.1080/14767050400028733
- Paronen, J., Knip, M., Savilahti, E., Virtanen, S. M., Ilonen, J., Akerblom, H. K., et al. (2000). Effect of cow's milk exposure and maternal type 1 diabetes on cellular and humoral immunization to dietary insulin in infants at genetic risk for type 1 diabetes. Finnish Trial to Reduce IDDM in the Genetically at Risk Study Group. *Diabetes*, *49*(10), 1657-1665.
- Prokopova, L. "Celiac Disease—A Severe Disease." *Vnitr Lek* *49* (6) (June 2003): 474–81.
- Salardi, S., Volta, U., Zucchini, S., Fiorini, E., Maltoni, G., Vaira, B., & Cicognani, A. (2008). Prevalence of celiac disease in children with type 1 diabetes mellitus increased in the mid-1990 s: an 18-year longitudinal study based on anti-endomysial antibodies. *J Pediatr Gastroenterol Nutr*, *46*(5), 612-614. doi: 10.1097/MPG.0b013e31815d697e 00005176-200805000-00024 [pii]
- Sanchez, J. C., Cabrera-Rode, E., Sorell, L., Galvan, J. A., Hernandez, A., Molina, G., et al. (2007). Celiac disease associated antibodies in persons with latent autoimmune diabetes of adult and type 2 diabetes. *Autoimmunity*, *40*(2), 103-107. doi: 773217245 [pii]10.1080/08916930601118825
- San-Pedro, J. I., Bilbao, J. R., Perez de Nanclares, G., Vitoria, J. C., Martul, P., & Castano, L. (2005). Heterogeneity of vitamin D receptor gene association with celiac disease and type 1 diabetes mellitus. *Autoimmunity*, *38*(6), 439-444. doi: X020X056517K6T1K [pii]10.1080/08916930500288455
- Sapone, A., de Magistris, L., Pietzak, M., Clemente, M. G., Tripathi, A., Cucca, F., et al. (2006). Zonulin upregulation is associated with increased gut permeability in subjects with type 1 diabetes and their relatives. *Diabetes*, *55*(5), 1443-1449. doi: 55/5/1443 [pii]
- Schuppan, D., & Hahn, E. G. (2001). Celiac disease and its link to type 1 diabetes mellitus. *J Pediatr Endocrinol Metab*, *14 Suppl 1*, 597-605.
- Secondulfo, M., de Magistris, L., Sapone, A., Di Monda, G., Esposito, P., & Carratu, R. (1999). Intestinal permeability and diabetes mellitus type 2. *Minerva Gastroenterol Dietol*, *45*(3), 187-192.
- Tamamogullari, N., Silig, Y., Icagasioglu, S., & Atalay, A. (1999). Carnitine deficiency in diabetes mellitus complications. *J Diabetes Complications*, *13*(5-6), 251-253. doi: S1056872799000525 [pii]
- Tripathi, A., Lammers, K. M., Goldblum, S., Shea-Donohue, T., Netzel-Arnett, S., Buzza, M. S., . . . Fasano, A. (2009). Identification of human zonulin, a physiological modulator of tight junctions, as preheptoglobin-2. *Proc Natl Acad Sci U S A*, *106*(39), 16799-16804. doi: 0906773106 [pii] 10.1073/pnas.0906773106
- Vaarala, O. (2002). The gut immune system and type 1 diabetes. *Ann N Y Acad Sci*, *958*, 39-46.
- Vaarala, O. (2002). The gut immune system and type 1 diabetes. *Ann N Y Acad Sci*, *958*, 39-46.

- Vaarala, O. (2005). Is type 1 diabetes a disease of the gut immune system triggered by cow's milk insulin? *Adv Exp Med Biol*, 569, 151-156. doi: 10.1007/1-4020-3535-7_22
- Vaarala, O., Atkinson, M. A., & Neu, J. (2008). The "perfect storm" for type 1 diabetes: the complex interplay between intestinal microbiota, gut permeability, and mucosal immunity. *Diabetes*, 57(10), 2555-2562. doi: 10.2337/db08-0331
- Vaarala, O., Saukkonen, T., Savilahti, E., Klemola, T., & Akerblom, H. K. (1995). Development of immune response to cow's milk proteins in infants receiving cow's milk or hydrolyzed formula. *J Allergy Clin Immunol*, 96(6 Pt 1), 917-923. doi: S0091-6749(95)70229-6 [pii]
- Ventura, A., Neri, E., Ughi, C., Leopaldi, A., Citta, A., & Not, T. (2000). Gluten-dependent diabetes-related and thyroid-related autoantibodies in patients with celiac disease. *J Pediatr*, 137(2), 263-265. doi: S0022-3476(00)63042-1 [pii]10.1067/mpd.2000.107160
- Ventura, A., Neri, E., Ughi, C., Leopaldi, A., Citta, A., & Not, T. (2000). Gluten-dependent diabetes-related and thyroid-related autoantibodies in patients with celiac disease. *J Pediatr*, 137(2), 263-265. doi: S0022-3476(00)63042-1 [pii]10.1067/mpd.2000.107160
- Visser, J., Rozing, J., Sapone, A., Lammers, K., & Fasano, A. (2009). Tight junctions, intestinal permeability, and autoimmunity: celiac disease and type 1 diabetes paradigms. *Ann N Y Acad Sci*, 1165, 195-205. doi: NYAS04037 [pii] 10.1111/j.1749-6632.2009.04037.x
- Vitoria, J. C., Castano, L., Rica, I., Bilbao, J. R., Arrieta, A., & Garcia-Masdevall, M. D. (1998). Association of insulin-dependent diabetes mellitus and celiac disease: a study based on serologic markers. *J Pediatr Gastroenterol Nutr*, 27(1), 47-52.
- Walkowiak J, B.-O. A., Lisowska A, Oralewska B, Pogorzelski A, Cichy W, Sapiejka E, Mirosława K, Kokrzon M, Szaflarska-Poplawska A. (2010). Cystic fibrosis is a risk factor for celiac disease. *Acta biochimica Polonica*, 57(1), 115-118.
- Walkowiak, J., Herzig, K. H., Strzykala, K., Przyslawski, J., & Krawczynski, M. (2002). Fecal elastase-1 is superior to fecal chymotrypsin in the assessment of pancreatic involvement in cystic fibrosis. *Pediatrics*, 110(1 Pt 1), e7.
- Wang, W., Uzzau, S., Goldblum, S. E., & Fasano, A. (2000). Human zonulin, a potential modulator of intestinal tight junctions. *J Cell Sci*, 113 Pt 24, 4435-4440.
- Watts, T., Berti, I., Sapone, A., Gerarduzzi, T., Not, T., Zielke, R., et al. (2005). Role of the intestinal tight junction modulator zonulin in the pathogenesis of type I diabetes in BB diabetic-prone rats. *Proc Natl Acad Sci U S A*, 102(8), 2916-2921. doi: 0500178102 [pii]10.1073/pnas.0500178102
- Zeglaoui, H., Landolsi, H., Mankai, A., Ghedira, I., & Bouajina, E. (2010). Type 1 diabetes mellitus, celiac disease, systemic lupus erythematosus and systemic sclerosis in a 15-year-old girl. *Rheumatol Int*, 30(6), 793-795. doi: 10.1007/s00296-009-0988-2

Chapter 23: The Gallbladder, Gallstones, and Cholecystectomy

- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.

Capron, J.P., et al. "Meal Frequency and Duration of Overnight Fast: A Role in Gallstone Formation?" *BMJ* 283 (1981): 1435.

Chen, L. "Bile Acid Pool in the Formation of Pigment Stones: An Experimental Study." *Chung Hua Wai Ko Tsa Chih* 30, no. 8 (August 1992): 496–98.

Kraag, N., Thijs, C., & Knipschild, P. (1995). Dyspepsia—how noisy are gallstones? A meta-analysis of epidemiologic studies of biliary pain, dyspeptic symptoms, and food intolerance. *Scand J Gastroenterol*, 30(5), 411-421.

Kratzer, W., et al. "Gallstone Prevalence in Relation to Smoking, Alcohol, Coffee Consumption, and Nutrition." *Scand J Gastroenterol* 32 (1997): 953–58.

Leitzmann, M.F., et al. "The Relation of Physical Activity to Risk for Symptomatic Gallstone Disease in Men." *Ann Intern Med* 128, no. 6 (March 15, 1998): 417–25.

Moerman, C. "Dietary Risk Factors for Clinical Diagnosed Gallstones in Middle-Aged Men: A 25-Year Follow-Up Study." *Ann Epidemiol* (1994): 248–54.

Simon, J.A. "Ascorbic Acid and Cholesterol Gallstones." *Med Hypotheses* 40, no. 2 (February 1993): 81–84.

Simon, J.A., and E.S. Hudes. "Serum Ascorbic Acid and Other Correlates of Gallbladder Disease Among U.S. Adults." *Am J Public Health* 88, no. 8 (August 1998): 1208–12.

Sipos, P., et al. "Effects of Black Radish Root (*Raphanus Sativus* L. Var *Niger*) on the Colon Mucosa in Rats Fed a Fat-Rich Diet." *Phytother Res* 16 (7) (November 2002): 677–79.

Tuzhilin, S.A., et al. "The Treatment of Patients with Gallstones by Lecithin." *Am J Gastroenterol* 65 (1976): 231.

Chapter 24: The Small Intestine

Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.

Ashwood, P., Anthony, A., Pellicer, A. A., Torrente, F., Walker-Smith, J. A., & Wakefield, A. J. (2003). Intestinal lymphocyte populations in children with regressive autism: evidence for extensive mucosal immunopathology. *J Clin Immunol*, 23(6), 504-517. doi: 474304 [pii]

Atkinson, W. (2004). Food elimination based on IgG antibodies in irritable bowel syndrome: a randomised controlled trial. *Gut*, 53(10), 1459-1464. doi: 10.1136/gut.2003.037697

Bonamico, M., Mariani, P., Danesi, H. M., Crisogianni, M., Failla, P., Gemme, G., et al. (2001). Prevalence and clinical picture of celiac disease in italian down syndrome patients: a multicenter study. *J Pediatr Gastroenterol Nutr*, 33(2), 139-143.

- Book, L., Hart, A., Black, J., Feolo, M., Zone, J. J., & Neuhausen, S. L. (2001). Prevalence and clinical characteristics of celiac disease in Down syndrome in a US study. *Am J Med Genet*, 98(1), 70-74.
- Burkitt, D. (1984). Fiber as protective against gastrointestinal diseases. *Am J Gastroenterol*, 79(4), 249-252.
- Burkitt, D. P. (1981). The protective properties of dietary fiber. *N C Med J*, 42(7), 467-471.
- Burkitt, D. P. (1988). Dietary fiber and cancer. *J Nutr*, 118(4), 531-533.
- Burkitt, D. P., & Trowell, H. C. (1977). Dietary fibre and western diseases. *Ir Med J*, 70(9), 272-277.
- Cosnes, J., Cosnes, C., Cosnes, A., Contou, J. F., Reijasse, D., Carbonnel, F., et al. (2002). [Undiagnosed celiac disease in childhood]. *Gastroenterol Clin Biol*, 26(6-7), 616-623. doi: MDOI-GCB-6-2002-26-6-7-0399-8320-101019-ART10 [pii]
- El Asmar, R., Panigrahi, P., Bamford, P., Berti, I., Not, T., Coppa, G. V., et al. (2002). Host-dependent zonulin secretion causes the impairment of the small intestine barrier function after bacterial exposure. *Gastroenterology*, 123(5), 1607-1615. doi: S0016508502002949 [pii]
- Fasano, A. (2009). Surprises from celiac disease. *Sci Am*, 301(2), 54-61.
- Fasano, A. "Celiac Disease: How to Handle a Clinical Chameleon." *N Engl J Med* 34 (25) (June 19, 2003): - 2568-70.
- Green, P. H. (2005). The many faces of celiac disease: clinical presentation of celiac disease in the adult population. *Gastroenterology*, 128(4 Suppl 1), S74-78. doi: S001650850500185X [pii]
- Henricksson, A.E.K. "Small Intestinal Bacterial Overgrowth in Patients with Rheumatoid Arthritis." *Ann Rheum Dis* 52 (1993): 503-10.
- Kapur, G., et al. "Iron Supplementation in Children with Celiac Disease." *Indian J Pediatr* 70 (12) (December 2003): 955-58.
- Karnam, U.S., L.R. Felder, and J.B. Raskin. "Prevalence of Occult Celiac Disease in Patients with Iron-Deficiency Anemia: A Prospective Study." *South Med J* 97 (1) (January 2004): 30-34.
- Lin, H. C. (2004). Small intestinal bacterial overgrowth: a framework for understanding irritable bowel syndrome. *JAMA*, 292(7), 852-858. doi: 10.1001/jama.292.7.852292/7/852 [pii]
- Lundin, K.E., et al. "Oats Induced Villous Atrophy in Coeliac Disease" *Gut* 52 (11) (November 2003): - 1649-52.
- Marie, I., Ducrotte, P., Denis, P., Menard, J. F., & Levesque, H. (2009). Small intestinal bacterial overgrowth in systemic sclerosis. *Rheumatology (Oxford)*, 48(10), 1314-1319. doi: kep226 [pii]10.1093/rheumatology/kep226
- Petersen Vikki, P. R. (2009). *The Gluten Effect: How "Innocent" Wheat is Ruining Your Health*: True Health Publ.

- Pimentel, M. (2008). The prevalence of small intestinal bacterial overgrowth in irritable bowel syndrome: IBS vs healthy controls (not historical definitions). *Gut*, 57(9), 1334-1335; author reply 1335. doi: 57/9/1334-a [pii]
- Pimentel, M. (2009). Review of rifaximin as treatment for SIBO and IBS. *Expert Opin Investig Drugs*, 18(3), 349-358. doi: 10.1517/13543780902780175
- Pimentel, M., Chow, E. J., & Lin, H. C. (2000). Eradication of small intestinal bacterial overgrowth reduces symptoms of irritable bowel syndrome. *Am J Gastroenterol*, 95(12), 3503-3506. doi: S0002-9270(00)02161-4 [pii] 10.1111/j.1572-0241.2000.03368.x
- Prokopova, L. "Celiac Disease—A Severe Disease." *Vnitr Lek* 49 (6) (June 2003): 474–81.
- Vojdani, A., Bazargan, M., Vojdani, E., Samadi, J., Nourian, A. A., Eghbalieh, N., et al. (2004). Heat shock protein and gliadin peptide promote development of peptidase antibodies in children with autism and patients with autoimmune disease. *Clin Diagn Lab Immunol*, 11(3), 515-524. doi: 10.1128/CDLI.11.3.515-524.2004 11/3/515 [pii]
- Vojdani, A., O'Bryan, T., Green, J. A., McCandless, J., Woeller, K. N., Vojdani, E., et al. (2004). Immune response to dietary proteins, gliadin and cerebellar peptides in children with autism. *Nutr Neurosci*, 7(3), 151-161.
- Vojdani, A., Pangborn, J. B., Vojdani, E., & Cooper, E. L. (2003). Infections, toxic chemicals and dietary peptides binding to lymphocyte receptors and tissue enzymes are major instigators of autoimmunity in autism. *Int J Immunopathol Pharmacol*, 16(3), 189-199. doi: 2 [pii]
- Weinstock, L. B., Klutke, C. G., & Lin, H. C. (2008). Small intestinal bacterial overgrowth in patients with interstitial cystitis and gastrointestinal symptoms. *Dig Dis Sci*, 53(5), 1246-1251. doi: 10.1007/s10620-007-0022-z

Chapter 25: The Colon or Large Intestine

- "Crohn's Disease Linked to Measles." *Med Trib Med News* (May 13, 1993): 10.
- Abdullgaffar, B. (2009). Diverticulosis and diverticulitis of the appendix. *Int J Surg Pathol*, 17(3), 231-237. doi: 1066896909332728 [pii] 10.1177/1066896909332728
- Aldoori, W. H., Giovannucci, E. L., Rimm, E. B., Wing, A. L., Trichopoulos, D. V., & Willett, W. C. (1994). A prospective study of diet and the risk of symptomatic diverticular disease in men. *Am J Clin Nutr*, 60(5), 757-764.
- Ammon, H. P. (2002). [Boswellic acids (components of frankincense) as the active principle in treatment of chronic inflammatory diseases]. *Wien Med Wochenschr*, 152(15-16), 373-378.
- Ammon, H.P. "Boswellic Acids (Components of Frankincense) as the Active Principle in Treatment of Chronic Inflammatory Diseases." *Wien Med Wochenschr* 152 (15–16) (2002): 373–78.
- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.
- Ashwood, P., Anthony, A., Pellicer, A. A., Torrente, F., Walker-Smith, J. A., & Wakefield, A. J. (2003). Intestinal lymphocyte populations in children with regressive autism: evidence for extensive mucosal immunopathology. *J Clin Immunol*, 23(6), 504-517. doi: 474304 [pii]

- Aslan, A., & Triadafilopoulos, G. (1992). Fish oil fatty acid supplementation in active ulcerative colitis: a double-blind, placebo-controlled, crossover study. *Am J Gastroenterol*, *87*(4), 432-437.
- Batmanghelidj, F. (1995). *Your body's many cries for water : you are not sick, you are thirsty! : don't treat thirst with medications* (2nd ed.). Falls Church, VA: Global Health Solutions.
- Bazzocchi, G., Gionchetti, P., Almerigi, P. F., Amadini, C., & Campieri, M. (2002). Intestinal microflora and oral bacteriotherapy in irritable bowel syndrome. *Dig Liver Dis*, *34 Suppl 2*, S48-53.
- Ben-Ayre E., G. E., Wengrower D, Stamper A. Kohn R, Berry E. . (2002). Wheat Grass Juice in the Treatment of Active Distal Ulcerative Colitis: A Randomized Double-blind Placebo-controlled Trial. *Taylor & Francis Health Sciences*, *37*, 444-449.
- Benninga, M. A., et, & al. (1993). "Biofeedback Training in Chronic Constipation". *Archives of Disease in Childhood*, *68*, 126-129.
- Biasco, G., Zannoni, U., Paganelli, G. M., Santucci, R., Gionchetti, P., Rivolta, G., . . . Miglioli, M. (1997). Folic acid supplementation and cell kinetics of rectal mucosa in patients with ulcerative colitis. *Cancer Epidemiol Biomarkers Prev*, *6*(6), 469-471.
- Bjarnason, I. (1994). Intestinal permeability. *Gut*, *35*(1 Suppl), S18-22.
- Bolin TD, D. A., Duncombe VM. (1982). A prospective study of persistent diarrhoea. *Aust N Z J Med*, *12*(1), 22-26.
- Born, P., Vierling, T., & Barina, W. (1991). Fructose malabsorption and the irritable bowel syndrome. *Gastroenterology*, *101*(5), 1454.
- Borody, T. J., Warren, E. F., Leis, S., Surace, R., & Ashman, O. (2003). Treatment of ulcerative colitis using fecal bacteriotherapy. *J Clin Gastroenterol*, *37*(1), 42-47.
- Bos, M. A., Vennat, B., Meunier, M. T., Pouget, M. P., Pourrat, A., & Fialip, J. (1996). Procyanidins from tormentil: antioxidant properties towards lipoperoxidation and anti-elastase activity. *Biol Pharm Bull*, *19*(1), 146-148.
- Brain, O., & Travis, S. P. (2008). Therapy of ulcerative colitis: state of the art. *Curr Opin Gastroenterol*, *24*(4), 469-474. doi: 10.1097/MOG.0b013e3282ff0dd5 00001574-200807000-00008 [pii]
- Braun, A., Treede, I., Gotthardt, D., Tietje, A., Zahn, A., Ruhwald, R., . . . Ehehalt, R. (2009). Alterations of phospholipid concentration and species composition of the intestinal mucus barrier in ulcerative colitis: a clue to pathogenesis. *Inflamm Bowel Dis*, *15*(11), 1705-1720. doi: 10.1002/ibd.20993
- Burkitt, D. (1984). Fiber as protective against gastrointestinal diseases. *Am J Gastroenterol*, *79*(4), 249-252.
- Burkitt, D. P. (1981). The protective properties of dietary fiber. *N C Med J*, *42*(7), 467-471.
- Burkitt, D. P. (1988). Dietary fiber and cancer. *J Nutr*, *118*(4), 531-533.
- Burkitt, D. P., & Meisner, P. (1979). How to manage constipation with high-fiber diet. *Geriatrics*, *34*(2), 33-35, 38-40.
- Burkitt, D. P., & Trowell, H. C. (1977). Dietary fibre and western diseases. *Ir Med J*, *70*(9), 272-277.
- Chatterjee, S., Park, S., Low, K., Kong, Y., & Pimentel, M. (2007). The degree of breath methane production in IBS correlates with the severity of constipation. *Am J Gastroenterol*, *102*(4), 837-841. doi: AJG1072 [pii] 10.1111/j.1572-0241.2007.01072.x

- Corlew-Roath, M., & Di Palma, J. A. (2009). Clinical impact of identifying lactose maldigestion or fructose malabsorption in irritable bowel syndrome or other conditions. *South Med J*, *102*(10), 1010-1012. doi: 10.1097/SMJ.0b013e3181b64c7f
- Dassopoulos, T., Frangakis, C., Cruz-Correa, M., Talor, M. V., Burek, C. L., Datta, L., . . . Brant, S. R. (2007). Antibodies to *saccharomyces cerevisiae* in Crohn's disease: higher titers are associated with a greater frequency of mutant NOD2/CARD15 alleles and with a higher probability of complicated disease. *Inflamm Bowel Dis*, *13*(2), 143-151. doi: 10.1002/ibd.20031
- Dieleman, L.A., and W.D. Heizer. "Nutritional Issues in Inflammatory Bowel Disease." *Gastroenterol Clin North Am* *27*, no. 2 (June 1998): 435–51.
- Digesu, G. A., Panayi, D., Kundi, N., Tekkis, P., Fernando, R., & Khullar, V. (2010). Validity of the Rome III Criteria in assessing constipation in women. *Int Urogynecol J Pelvic Floor Dysfunct*, *21*(10), 1185-1193. doi: 10.1007/s00192-010-1179-0
- Drago, S., El Asmar, R., Di Pierro, M., Grazia Clemente, M., Tripathi, A., Sapone, A., . . . Fasano, A. (2006). Gliadin, zonulin and gut permeability: Effects on celiac and non-celiac intestinal mucosa and intestinal cell lines. *Scand J Gastroenterol*, *41*(4), 408-419. doi: G66681758U25V63P [pii] 10.1080/00365520500235334
- Drisko, J., Bischoff, B., Hall, M., & McCallum, R. (2006). Treating irritable bowel syndrome with a food elimination diet followed by food challenge and probiotics. *J Am Coll Nutr*, *25*(6), 514-522. doi: 25/6/514 [pii]
- Drossman, D.A., et al. "Irritable Bowel Syndrome and Sexual/Physical Abuse History." *J Gastroenterol Hepatol* *9* (4) (April 1997): 327–30.
- Dunlop, S.P., D. Jenkins, and R.C. Spiller. "Distinctive Clinical, Psychological, and Histological Features of Postinfective Irritable Bowel Syndrome." *Am J Gastroenterol* *98* (7) (July 2003): 1578–83.
- Dunlop, S.P., et al. "Relative Importance of Enterochromaffin Cell Hyperplasia, Anxiety, and Depression in Postinfectious IBS." *Gastroenterology* *125* (6) (December 2003):1651–59.
- Fernandez-Banares, F., et al. "Enteral Nutrition as a Primary Therapy in Crohn's Disease." *Gut* (1994): -S55–S59.
- Fernandez-Banares, F., et al. "Role of Fructose-Sorbitol Malabsorption and Irritable Bowel Syndrome." *Gastroenterology* *101*, no. 5 (November 1991): 1453–54.
- Floch, M.H. "Probiotics, Irritable Bowel Syndrome, and Inflammatory Bowel Disease." *Curr Treat Options Gastroenterol* *6* (4) (August 2003): 283–88.
- Francis, C.W., et al. "Bran and Irritable Bowel Syndrome: Time for Reappraisal." *Lancet* *334* (July 2, 1994): 339–40.
- Gershon, M.D. "Serotonin and Its Implication for the Management of Irritable Bowel Syndrome." *Rev Gastroenterol Disord* *3* (Suppl 2) (2003): S25–S34.

- Grazioli, I., Melzi, G., Balsamo, V., Castellucci, G., Castro, M., Catassi, C., . . . Scotta, S. (1993). [Food intolerance and irritable bowel syndrome of childhood: clinical efficacy of oral sodium cromoglycate and elimination diet]. *Minerva Pediatrica*, 45(6), 253-258.
- Gross, V., et al. "Free Radicals and Inflammatory Bowel Diseases, Pathophysiology and Therapeutic Implications." *Hepatogastroenterology* 41 (1994): 320–27.
- Gryboski, J.D. "Ulcerative Colitis in Children 10 Years Old or Younger." *J Pediatr Gastroenterol Nutr* 17, no. 1 (July 1993): 24–31.
- Gupta, I., et al. "Effects of Boswellia Serrata Gum Resin in Patients with Ulcerative Colitis." *Eur J Med Res* 2 (1) (January 1997): 37–43.
- Hanauer, S.B. "Inflammatory Bowel Disease: Novel Aspects of Clinical Genetics and Potential for Probiotic Therapy." *Medscape* June 7, 2002. www.medscape.com/viewarticle/434522.
- Head, K.A., and J.S. Jurenka. "Inflammatory Bowel Disease, Part 1: Ulcerative Colitis—Pathophysiology and Conventional and Alternative Treatment Options." *Altern Med Rev* 8 (3) (August 2003): 247–83.
- Henker, J., Hackbarth, S., & Sprossig, C. (1989). [Fecal chymotrypsin concentration in childhood. Normal values, specificity, sensitivity]. *Helv Paediatr Acta*, 43(5-6), 397-404.
- Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source
- Holick, M.F. "Vitamin D: Importance in the Prevention of Cancers, Type 1 Diabetes, Heart Disease, and Osteoporosis." *Am J Clin Nutr* 79 (3) (March 2004): 362–71.
- Hotz, J., and K. Plein. "Effectiveness of Plantago Seed Husks in Comparison with Wheat Bran on Stool Frequency and Manifestations of Irritable Colon Syndrome with Constipation." *Med Klin* 89, no. 12 (December 15, 1994): 645–51.
- Huber, R., Ditfurth, A. V., Amann, F., Guthlin, C., Rostock, M., Trittler, R., . . . Merfort, I. (2007). Tormentil for active ulcerative colitis: an open-label, dose-escalating study. *J Clin Gastroenterol*, 41(9), 834-838. doi: 10.1097/MCG.0b013e31804b2173 00004836-200710000-00008 [pii]
- Hwang, L., Low, K., Khoshini, R., Melmed, G., Sahakian, A., Makhani, M., . . . Pimentel, M. (2009). Evaluating Breath Methane as a Diagnostic Test for Constipation-Predominant IBS. *Dig Dis Sci*. doi: 10.1007/s10620-009-0778-4
- Hyphantis, T., Antoniou, K., Tomenson, B., Tsianos, E., Mavreas, V., & Creed, F. (2010). Is the personality characteristic "impulsive sensation seeking" correlated to differences in current smoking between ulcerative colitis and Crohn's disease patients? *Gen Hosp Psychiatry*, 32(1), 57-65. doi: S0163-8343(09)00176-5 [pii] 10.1016/j.genhosppsy.2009.09.002
- Jacobs, E.J., and E. White. "Constipation, Laxative Use, and Colon Cancer Among Middle-Aged Adults." *Epidemiology* 9, no. 4 (1998): 385–91.
- Johanson, J. F. (2007). Review of the treatment options for chronic constipation. *MedGenMed*, 9(2), 25.

- Kalliomaki, M., & Isolauri, E. (2003). Role of intestinal flora in the development of allergy. *Curr Opin Allergy Clin Immunol*, 3(1), 15-20. doi: 10.1097/01.all.0000053262.39029.a1
- Kalliomaki, M., Collado, M. C., Salminen, S., & Isolauri, E. (2008). Early differences in fecal microbiota composition in children may predict overweight. *Am J Clin Nutr*, 87(3), 534-538. doi: 87/3/534 [pii]
- Kikuchi, H., Itoh, J., & Fukuda, S. (2008). Chronic nicotine stimulation modulates the immune response of mucosal T cells to Th1-dominant pattern via nAChR by upregulation of Th1-specific transcriptional factor. *Neurosci Lett*, 432(3), 217-221. doi: S0304-3940(07)01297-9 [pii] 10.1016/j.neulet.2007.12.027
- Kim, H.J., et al. "A Randomized Controlled Trial of a Probiotic, VSL#3, on Gut Transit and Symptoms in Diarrhea-Predominant Irritable Bowel Syndrome." *Aliment Pharmacol Ther* 17 (7) (April 2003): 895–904.
- Kimikazu, I., J. Kiyonana, and M. Ishikawa. Studies on Gamma-Oryzanol II—The Anti-Ulcerogenic Action, Research Institute. Tokushima, Japan: Otsuka Pharmaceutical Co., Ltd.
- Langmead, L., Dawson, C., Hawkins, C., Banna, N., Loo, S., & Rampton, D. S. (2002). Antioxidant effects of herbal therapies used by patients with inflammatory bowel disease: an in vitro study. *Aliment Pharmacol Ther*, 16(2), 197-205. doi: 1157 [pii]
- Langmead, L., et al. "Randomized, Double-Blind, Placebo-Controlled Trial of Oral Aloe Vera Gel for Active Ulcerative Colitis." *Aliment Pharmacol Ther* 19 (7) (April 1, 2004): 739–47.
- Lazzari, R., et al. "Sideropenic Anemia and Celiac Disease." *Pediatr Med Chir* 16, no. 6 (November–December 1994): 549–50.
- Lee, G. H., Kim, C. G., Kim, J. S., Jung, H. C., & Song, I. S. (2005). [Frequency analysis of NOD2 gene mutations in Korean patients with Crohn's disease]. *Korean J Gastroenterol*, 45(3), 162-168. doi: 200503313 [pii]
- Lee, G., & Buchman, A. L. (2009). DNA-driven nutritional therapy of inflammatory bowel disease. *Nutrition*, 25(9), 885-891. doi: S0899-9007(09)00257-3 [pii] 10.1016/j.nut.2009.06.011
- Lichtenstein, G.R., and R.P. MacDermott. "Recent Advances in the Treatment of Inflammatory Bowel Disease: The Role of biologics and Immunomodulators." *Medscape* 2002. - www.medscape.com/viewarticle/434521
- Lin, H.C., et al. "Slowing of Gastrointestinal Transit by Oleic Acid: A Preliminary Report of a Novel, Nutrient-Based Treatment in Humans." *Dig Dis Sci* 46 (2) (2001): 223–29.
- Longstreth, G. F., Thompson, W. G., Chey, W. D., Houghton, L. A., Mearin, F., & Spiller, R. C. (2006). Functional bowel disorders. *Gastroenterology*, 130(5), 1480-1491. doi: S0016-5085(06)00512-9 [pii] 10.1053/j.gastro.2005.11.061
- Maier, K. P. (2007). [Diverticulosis--diverticulitis]. *Praxis (Bern 1994)*, 96(5), 153-157.
- Maruyama, K., and K. Kashiwzaki. "Clinical Trial of Gamma-Oryzanol on Gastrointestinal Symptoms at 375 Hospitals." Japan: Department of Internal Medicine, Keio University, 1977.

- Mayo, C. S. (2010). Ischemic Colitis. *MayoClinic.com*. Retrieved from <http://www.mayoclinic.com/health/ischemic-colitis/DS00794>
- McRorie, J.W., et al. "Psyllium Is Superior to Docusate Sodium for Treatment of Chronic Constipation." *Aliment Pharmacol Ther* 12 (1998): 491–97.
- Mendeloff, A.I., and J.E. Everhart. "Diverticular Disease of the Colon." In *Digestive Diseases in the United States: Epidemiology and Impact*. Washington, D.C.: U.S. Department of Health and Human Services, National Institutes of Health, 1994.
- Meurs-Szojda, M. M., Terhaar sive Droste, J. S., Kuik, D. J., Mulder, C. J., & Felt-Bersma, R. J. (2008). Diverticulosis and diverticulitis form no risk for polyps and colorectal neoplasia in 4,241 colonoscopies. *Int J Colorectal Dis*, 23(10), 979-984. doi: 10.1007/s00384-008-0510-4
- Minakuchi, C., et al. "Effectiveness of Gamma-Oryzanol on Various Gastrointestinal Complaints." *Shinyaku to Rinsho* 25, no. 10 (1976): 29.
- Munsell MA., M. G. (2009). Inflammatory Bowel Disease: Food and Nutrient Approaches. In I. Kohlstadt (Ed.), *Food and Nutrients in Disease Management* (pp. 217-240). Boca Raton: CRC Press.
- Nastaskin, I., Mehdikhani, E., Conklin, J., Park, S., & Pimentel, M. (2006). Studying the overlap between IBS and GERD: a systematic review of the literature. *Dig Dis Sci*, 51(12), 2113-2120. doi: 10.1007/s10620-006-9306-y
- Nellist, C.C. "Elemental Diet Therapy a Good Option for Crohn's." *Fam Pract News* (March 1, 1994): 7.
- Nolan, A., et al. "Recurrent Aphthous Ulceration: Vitamin B₁, B₂, and B₆ Status and Response to Replacement Therapy." *J Oral Path Med* 20, no. 8 (September 1991): 389–91.
- Ozick, L.A., C. Salazar, and S.S. Donelson. "Pathogenesis, Diagnosis and Treatment of Diverticular Disease of the Colon." *Gastroenterologist* 2, no. 4 (December 1994): 299–310.
- Pimentel, M. (2008). The prevalence of small intestinal bacterial overgrowth in irritable bowel syndrome: IBS vs healthy controls (not historical definitions). *Gut*, 57(9), 1334-1335; author reply 1335. doi: 10.1136/gut.2008.153334
- Pimentel, M. (2009). Review of rifaximin as treatment for SIBO and IBS. *Expert Opin Investig Drugs*, 18(3), 349-358. doi: 10.1517/13543780902780175
- Pimentel, M., Chatterjee, S., Chow, E. J., Park, S., & Kong, Y. (2006). Neomycin improves constipation-predominant irritable bowel syndrome in a fashion that is dependent on the presence of methane gas: subanalysis of a double-blind randomized controlled study. *Dig Dis Sci*, 51(8), 1297-1301. doi: 10.1007/s10620-006-9104-6
- Pimentel, M., Chow, E. J., & Lin, H. C. (2000). Eradication of small intestinal bacterial overgrowth reduces symptoms of irritable bowel syndrome. *Am J Gastroenterol*, 95(12), 3503-3506. doi: 10.1055/s0002-9270(00)02161-4 [pii] 10.1111/j.1572-0241.2000.03368.x
- Pimentel, M., Chow, E. J., & Lin, H. C. (2003). Normalization of lactulose breath testing correlates with symptom improvement in irritable bowel syndrome. a double-blind, randomized, placebo-controlled study. *Am J Gastroenterol*, 98(2), 412-419. doi: 10.1111/j.1572-0241.2003.07234.x

- Prudden, J.F., and L.L. Balassa. "The Biological Activity of Bovine Cartilage Preparations." *Semin Arthritis Rheum* 3, no. 4 (Summer 1974): 287–320.
- Rachmilewitz, D., et al. "Toll-Like Receptor 9 Signaling Mediates the Anti-Inflammatory Effects of Probiotics in Murine Experimental Colitis." *Gastroenterology* 126 (2) (February 2004): 520–28.
- Reinisch, W., et al. "Extracorporeal Photochemotherapy in Patients with Steroid-Dependent Crohn's Disease: A Prospective Pilot Study." *Aliment Pharmacol Ther* 15 (2001): 1313–22.
- Resnick, C. "The Effects of Gamma-Oryzanol on Ulcers, Gastritis, Hyperlipidemias, and Menopausal Disorders." Research review. Tyler Encapsulations, 1993.
- Rinas, U., & Adamek, H. E. (2006). [Diverticulitis and diverticulosis]. *MMW Fortschr Med*, 148(29-30), 37-41; quiz 42.
- Rioux, K. P., Madsen, K. L., & Fedorak, R. N. (2005). The role of enteric microflora in inflammatory bowel disease: human and animal studies with probiotics and prebiotics. *Gastroenterol Clin North Am*, 34(3), 465-482, ix. doi: S0889-8553(05)00051-8 [pii] 10.1016/j.gtc.2005.05.005
- Robinson, R.J., et al. "Effect of a Low-Impact Exercise Program on Bone Mineral Density in Crohn's Disease: A Randomized Controlled Trial." *Gastroenterology* 115 (1998): 36–41.
- Roediger, W.E.W. "Decreased Sulfur Amino Acid Intake in Ulcerative Colitis." *Lancet* 351 (May 23, 1998): 1555.
- Rumessen, J.J. "Functional Bowel Disease: The Role of Fructose and Sorbitol." *Gastroenterology* 101 (1991): 1452–60.
- Schechter, S., Mulvey, J., & Eisenstat, T. E. (1999). Management of uncomplicated acute diverticulitis: results of a survey. *Dis Colon Rectum*, 42(4), 470-475; discussion 475-476.
- Scheppach, W., et al. "Effect of Butyrate Enemas on the Colonic Mucosa in Distal Ulcerative Colitis." *Gastroenterology* 103 (1992): 51–56.
- Seigel, J. "Inflammatory Bowel Disease: Another Possible Effect of the Allergic Diathesis." *Ann Allergy* 47, no. 2 (August 1981): 92–94.
- Seigel, M.A., and B.A. Balciunas. "Medication Can Induce Severe Ulcers." *J Am Dent Assoc* 122, no. 10 (September 1991): 75–77.
- Shabert, J. *The Ultimate Nutrient Glutamine*. Garden City Park, N.Y.: Avery, 1994.
- Shah, S. (2007). Dietary Factors in the Modulation of Inflammatory Bowel Disease Activity. *Medscape General Medicine*, 9 (1):60. Retrieved from www.medscape.com website: http://www.medscape.com/viewarticles/553039_print
- Shanahan, F., "Host-Flora Interactions in Inflammatory Bowel Disease." *Inflamm Bowel Dis* vol. 10, Suppl 1, (February 2004): S16–S24.

- Shepherd, S. J., & Gibson, P. R. (2006). Fructose malabsorption and symptoms of irritable bowel syndrome: guidelines for effective dietary management. *J Am Diet Assoc*, *106*(10), 1631-1639. doi: S0002-8223(06)01704-4 [pii] 10.1016/j.jada.2006.07.010
- Singhal, S., Dian, D., Keshavarzian, A., Fogg, L., Fields, J. Z., & Farhadi, A. (2010). The Role of Oral Hygiene in Inflammatory Bowel Disease. *Dig Dis Sci*. doi: 10.1007/s10620-010-1263-9
- Smith, J. S., Ediss, I., Mullinger, M. A., & Bogoch, A. (1971). Fecal chymotrypsin and trypsin determinations. *Can Med Assoc J*, *104*(8), 691-694 passim.
- Stremmel, W., Braun, A., Hanemann, A., Ehehalt, R., Autschbach, F., & Karner, M. (2010). Delayed release phosphatidylcholine in chronic-active ulcerative colitis: a randomized, double-blinded, dose finding study. *J Clin Gastroenterol*, *44*(5), e101-107. doi: 10.1097/MCG.0b013e3181c29860
- Stremmel, W., Hanemann, A., Ehehalt, R., Karner, M., & Braun, A. (2010). Phosphatidylcholine (lecithin) and the mucus layer: evidence of therapeutic efficacy in ulcerative colitis? *Dig Dis*, *28*(3), 490-496. doi: 000320407 [pii] 10.1159/000320407
- Tamboli, C. P., Neut, C., Desreumaux, P., & Colombel, J. F. (2004a). Dysbiosis as a prerequisite for IBD. *Gut*, *53*(7), 1057.
- Tamboli, C. P., Neut, C., Desreumaux, P., & Colombel, J. F. (2004b). Dysbiosis in inflammatory bowel disease. *Gut*, *53*(1), 1-4.
- Tamboli, C.P., et al. "Dysbiosis in Inflammatory Bowel Disease." *Gut* 53 (1) (January 2004): 1–4.
- Thompson, N.P., et al. "Is Measles Vaccination a Risk Factor for Inflammatory Bowel Disease?" *Lancet* 345 (1995): 1071–74.
- Tiwana, H., et al. "Antibody Responses to Gut Bacteria in Ankylosing Spondylitis, Rheumatoid Arthritis, Crohn's Disease, and Ulcerative Colitis." *Rheumatol Int* 17, no. 1 (1997): 11–16.
- Tomas-Ridocci, M., et al. "The Efficacy of Plantago, Ovata as a Regulator of Intestinal Transit." *Rev Esp Enferm Dig* 82, no. 1 (July 1992): 17–22.
- Vennat, B., Bos, M. A., Pourrat, A., & Bastide, P. (1994). Procyanidins from tormentil: fractionation and study of the anti-radical activity towards superoxide anion. *Biol Pharm Bull*, *17*(12), 1613-1615.
- Vernia, P., et al. "Lactose Intolerance and Irritable Bowel Syndrome: Relative Weight in Inducing Abdominal Symptoms in High Prevalence Area." *Gastroenterology* 102, no. 4, Part II (April 1992): A5–30.
- Von Tirpitz, C., et al. "Osteoporosis in Inflammatory Bowel Disease—Results of a Survey Among Members of the German Crohn's and Ulcerative Colitis Association." *Z Gastroenterol* 41 (12) (December 2003): 1145–50.
- Walker, D.M., et al. "Effect of Gluten-Free Diet on Recurrent Aphthous Ulceration." *Br J Derm* 103, no. 1 (July 1980): 111.
- Weisberger, L., & Jamieson, B. (2009). Clinical inquiries: How can you help prevent a recurrence of diverticulitis? *J Fam Pract*, *58*(7), 381-382. doi: jfp_5807h [pii]

Wilhelmsen, I., and A. Berstad. "Quality of Life and Relapse of Duodenal Ulcer Before and After Eradication of *Helicobacter pylori*." *Scand J Gastroenterol* 29, no. 10 (October 1994): 874–79.

Wilson, J.M. "Hand Washing Reduces Diarrhea Episodes: A Study in Lombok Indonesia." *Transactions of the Royal Society of Tropical Medicine and Hygiene* 85 (1991): 819–21.

Wong, R. K., Palsson, O. S., Turner, M. J., Levy, R. L., Feld, A. D., von Korff, M., & Whitehead, W. E. (2010). Inability of the Rome III Criteria to Distinguish Functional Constipation From Constipation-Subtype Irritable Bowel Syndrome. *Am J Gastroenterol*. doi: ajg2010200 [pii] 10.1038/ajg.2010.200

Yakoob J., J. W., Jafri N., Khan R., Islam M., Beg A., Zaman V. (2004). Irritable bowel syndrome: in search of an etiology: Role of *Blastocystis hominis*. *Am. J. Trop. Med* 70(4), 383-385.

Yesilada, E., I. Gurbuz, and H. Shibata. "Screening of Turkish Anti-Ulcerogenic Folk Remedies for Anti-*Helicobacter pylori* Activity." *J Ethnopharmacol* 66 (3) (September 1999): 289–93.

Yoshinari, T. "Usefulness of Hi-Z Fine Granule (Gamma-Oryzanol) for the Treatment of Autonomic Instability in Gastrointestinal System." *Shinyaku to Rinsho* 225, no. 3 (1976): 56.

Chapter 26: Arthritis

———. "Essential Fatty Acid and Prostaglandin Metabolism in Sjögren's Syndrome, Systemic Sclerosis and Rheumatoid Arthritis." *Scand J Rheumatol* 61 (Suppl) (1986): 242–45.

"Methylsulfonylmethane (MSM)." *Monograph Altern Med Rev* 8 (4) (November 2003): 438–41.

"The Neglect of Glucosamine as a Treatment for Osteoarthritis—A Personal Perspective." *Med Hypotheses* 42, no. 5 (May 1994): 323–27.

Abyad, A., and J.T. Boyer. "Arthritis and Aging." *Curr Opin Rheumatol* 4, no. 2 (April 1992): 153–59.

Aggarwal BB, H. K. (2008). Potential therapeutic effects of curcumin, the anti-inflammatory agent, against neurodegenerative, cardiovascular, pulmonary, metabolic, autoimmune and neoplastic diseases. *Intl J of Biochemistry and Cell Biology*, doi:10.1016/j.biocel.2008.06.010

Aggarwal, B.B., A. Kumar, and A.C. Bharti. "Anticancer Potential of Curcumin: Preclinical and Clinical Studies." *Anticancer Res* 23 (1A) (January–February 2003): 363–98.

Amital, H., Govoni, M., Maya, R., Meroni, P. L., Ori, B., Shoenfeld, Y., et al. (2008). Role of infectious agents in systemic rheumatic diseases. *Clin Exp Rheumatol*, 26(1 Suppl 48), S27-32. doi: 2279 [pii]

Ammon, H. P. (2002). [Boswellic acids (components of frankincense) as the active principle in treatment of chronic inflammatory diseases]. *Wien Med Wochenschr*, 152(15-16), 373-378.

Ammon, H.P. "Boswellic Acids (Components of Frankincense) as the Active Principle in Treatment of Chronic Inflammatory Diseases." *Wien Med Wochenschr* 152 (15–16) (2002): 373–78.

- Appleboom, T., and P. Durez. "Effect of Milk Product Deprivation on Spondyloarthropathy." *Ann Rheum Dis* 53, no. 11 (1994): 481–82.
- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.
- Banerjee, M., Tripathi, L. M., Srivastava, V. M., Puri, A., & Shukla, R. (2003). Modulation of inflammatory mediators by ibuprofen and curcumin treatment during chronic inflammation in rat. *Immunopharmacol Immunotoxicol*, 25(2), 213-224.
- Bjarnason, I. (1994). Intestinal permeability. *Gut*, 35(1 Suppl), S18-22.
- Borman, P., Babaoglu, S., Gur, G., Bingol, S., & Bodur, H. (2008). Bone mineral density and bone turnover in patients with psoriatic arthritis. *Clin Rheumatol*, 27(4), 443-447. doi: 10.1007/s10067-007-0725-8
- Bottiglieri, T. "S-Adenosyl-L-Methionine (SAME): From the Bench to the Bedside—Molecular Basis of a Pleiotrophic Molecule." *Am J Clin Nutr* 76 (5) (November 2002): 1151S-57S.
- Brzeski, M., et al. "Evening Primrose Oil in Patients with Rheumatoid Arthritis and Side Effect of Non-Steroidal Anti-Inflammatory Drugs." *Br J Rheumatol* 30 (1991): 370–72.
- Chang, D. M., Chang, W. Y., Kuo, S. Y., & Chang, M. L. (1997). The effects of traditional antirheumatic herbal medicines on immune response cells. *J Rheumatol*, 24(3), 436-441.
- Chou, C. T., Uksila, J., & Toivanen, P. (1998). Enterobacterial antibodies in Chinese patients with rheumatoid arthritis and ankylosing spondylitis. *Clin Exp Rheumatol*, 16(2), 161-164.
- Darlington, L.G. "Dietary Therapy for Arthritis." *Nutr Rheumatic Dis* 17, no. 2 (May 1991): 273–85.
- Darlington, L.G., and N.W. Ramsey. "Clinical Review of Dietary Therapy for Rheumatoid Arthritis." *Br J Rheumatol* 32 (1993): 507–14.
- de Witte, T. J., Geerdink, P. J., Lamers, C. B., Boerbooms, A. M., & van der Korst, J. K. (1979). Hypochlorhydria and hypergastrinaemia in rheumatoid arthritis. *Ann Rheum Dis*, 38(1), 14-17.
- Deal, C.L., et al. "Treatment of Arthritis Pain with Topical Capsaicin: A Double-Blind Trial." *Clinical Therapy* 13, no. 3 (1991): 383–95.
- Disilvestro, R.A. "Effects of Copper Supplementation on Ceruloplasmin and Copper-Zinc Superoxide Dismutase in Free-Living Rheumatoid Arthritis Patients." *J Am Coll Nutr* 11, no. 23 (1992): 177–80.
- Dobryniewski, J., Szajda, S. D., Waszkiewicz, N., & Zwierz, K. (2007). [The gamma-linolenic acid (GLA)--the therapeutic value]. *Przegl Lek*, 64(2), 100-102.
- Dominguez-Lopez, M.L., et al. "IgG Antibodies to Enterobacteria 60 kDa Heat Shock Proteins in the Sera of HLA-B27 Positive Ankylosing Spondylitis Patients." *Scand J Rheumatol* 31 (5) (2002): 260–65.
- Etzel, R. "Special Extract of *Boswellia Serrata* (H-15) in the Treatment of Rheumatoid Arthritis." *Phytomedicine* 3, no. 1 (1996): 91–94.

Flynn, M. "The Effect of Folate and Cobalamine on Osteoarthritis and Hands." *J Am Coll Nutr* 13, no. 4 (1994): 351–56.

Food intolerance and rheumatoid arthritis. (1988). *Lancet*, 2(8625), 1419-1420.

Gaby, A.R. "Natural Treatments for Osteoarthritis." *Altern Med Rev* 4 (5) (October 1999): 330–41.

Garfinkel, M.S., et al. "Evaluation of a Yoga-Based Regimen for Treatment of Osteoarthritis of the Hands." *J Rheumatol* 21 (12) (December 1994): 2341–43.

Germain, B.F. "Silicone Breast Implants and Rheumatic Disease." *Bull Rheum Dis* 41, no. 6 (October 1992): 1–4.

Guillen Fiel, G., Gonzalez-Granado, L. I., Mosqueda, R., Negreira, S., & Giangaspro, E. (2009). [Arthritis caused by Candida in an immunocompetent infant with a history of systemic candidiasis in the neonatal period]. *An Pediatr (Barc)*, 70(4), 383-385. doi: S1695-4033(08)00107-0 [pii]10.1016/j.anpedi.2008.12.001

Harrison, B. J., Hutchinson, C. E., Adams, J., Bruce, I. N., & Herrick, A. L. (2002). Assessing periarticular bone mineral density in patients with early psoriatic arthritis or rheumatoid arthritis. *Ann Rheum Dis*, 61(11), 1007-1011.

Hatakka, K., Martio, J., Korpela, M., Herranen, M., Poussa, T., Laasanen, T., et al. (2003). Effects of probiotic therapy on the activity and activation of mild rheumatoid arthritis--a pilot study. *Scand J Rheumatol*, 32(4), 211-215.

Haugen, M., Kjeldsen-Kragh, J., Nordvag, B. Y., & Forre, O. (1991). Diet and disease symptoms in rheumatic diseases--results of a questionnaire based survey. *Clin Rheumatol*, 10(4), 401-407.

Henricksson, A.E.K. "Small Intestinal Bacterial Overgrowth in Patients with Rheumatoid Arthritis." *Ann Rheum Dis* 52 (1993): 503–10.

Hesslink, R., Jr., et al. "Cetylated Fatty Acids Improve Knee Function in Patients with Osteoarthritis." *J Rheumatol* 29 (8) (August 2002): 1708–12.

Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source

Ho LJ, L. J. (2004). Chinese herbs as immunomodulators and potential disease-modifying antirheumatic drugs in autoimmune disorders. *Curr Drug Metab., Apr;5(2)*, 181-192.

Hofbauer, L. C., Schoppet, M., Christ, M., Teichmann, J., & Lange, U. (2006). Tumour necrosis factor-related apoptosis-inducing ligand and osteoprotegerin serum levels in psoriatic arthritis. *Rheumatology (Oxford)*, 45(10), 1218-1222. doi: kel108 [pii]10.1093/rheumatology/kel108

Holden, W., T. Orchard, and P. Wordsworth. "Enteropathic Arthritis." *Rheum Dis Clin North Am* 29 (3) (August 2003): 513–30, viii.

Houston, L. "Dietary Change in Arthritis." *Practitioner* 238 (June 1994): 443–48.

- Hvatum, M., Kanerud, L., Hallgren, R., & Brandtzaeg, P. (2006). The gut-joint axis: cross reactive food antibodies in rheumatoid arthritis. *Gut*, 55(9), 1240-1247. doi: gut.2005.076901 [pii]10.1136/gut.2005.076901
- Joe, B., and B.R. Lokesh. "Effect of Curcumin and Capsaicin on Arachidonic Acid Metabolism and Lysosomal Enzyme Secretion by Rat Peritoneal Macrophages." *Lipids* 32, no. 11 (1997): 1173–80.
- Katargina, L. A., Starikova, A. V., & Iastrebova, N. E. (2002). [Clinical and pathogenetic significance of *Proteus mirabilis* antibodies in uveitis associated with joint lesions in children and adolescents]. *Vestn Oftalmol*, 118(3), 28-30.
- Katz, J.P., and G.R. Lichtenstein. "Rheumatologic Manifestations of Gastrointestinal Diseases." *Gastroenterol Clin North Am* 27 (3) (September 1998): 533–62, v.
- Keough, C. *Natural Relief for Arthritis*. New York: Pocket Books, 1983.
- Kimmatkar, N., et al. "Efficacy and Tolerability of *Boswellia Serrata* Extract in Treatment of Osteoarthritis of Knee—A Randomized Double-Blind, Placebo-Controlled Trial." *Phytomedicine* 10 (1) (January 2003): 3–7.
- Kjeldsen-Kraugh, J. "Dietary Treatment of Rheumatoid Arthritis." *Scand J Rheumatol* (1996): 63.
- Lahesmaa, R., et al. "Molecular Mimicry: Any Role in the Pathogenesis of Spondyloarthropathies?" *Immunol Res* 12, no. 2 (1993): 193–208.
- Lamm, S.H. "Silicone Breast Implants and Long-Term Health Effects: When Are Data Adequate?" *J Clin Epidemiol* 48, no. 4 (April 1995): 507–11.
- Lawrence, R.C., et al. "Estimates of the Prevalence of Arthritis and Selected Musculoskeletal Disorders in the United States." *Arthritis Rheum* 41, no. 5 (May 1998): 778–99.
- Lee, C. H., Oh, J. M., Oh, S. R., Yoo, M., & Lee, M. S. (2010). *Candida* Arthritis after Arthroscopic Arthroplasty in a Patient without Predisposing Factors. *Open Rheumatol J*, 4, 7-9. doi: 10.2174/1874312901004010007
- Leirisalo-Repo, M. "Enteropathic Arthritis, Whipple's Disease, Juvenile Spondyloarthropathy, and Uveitis." *Curr Opin Rheumatol* 6, no. 4 (July 1994): 385–90.
- Leventhal, L.J., et al. "Treatment of Rheumatoid Arthritis with Gamma-Linolenic Acid." *Ann Intern Med* 119, no. 9 (November 1, 1993): 867–73.
- Liu, Y., Xu, B., & Cai, X. (1995). [The role of intestinal permeability in the pathogenesis of ankylosing spondylitis]. *Zhonghua Nei Ke Za Zhi*, 34(2), 91-94.
- Machtley, I. "Vitamin E and Arthritis/Vitamin E and Rheumatoid Arthritis." *Arthritis Rheum* 34, no. 9 (September 1991): 1205.
- Malin, M., Verronen, P., Korhonen, H., Syvaaja, E. L., Salminen, S., Mykkanen, H., et al. (1997). Dietary therapy with *Lactobacillus* GG, bovine colostrum or bovine immune colostrum in patients with

juvenile chronic arthritis: evaluation of effect on gut defence mechanisms.
Inflammopharmacology, 5(3), 219-236. doi: 10.1007/s10787-997-0001-1

- McCarthy, G., and D. Kenny. "Dietary Fish Oil and Rheumatic Diseases." *Semin Arthritis Rheum* 21, no. 6 (June 1992): 368–75.
- Mielants, H., De Vos, M., Cuvelier, C., & Veys, E. M. (1996). The role of gut inflammation in the pathogenesis of spondyloarthropathies. *Acta Clin Belg*, 51(5), 340-349.
- Moller, I., Perez, M., Monfort, J., Benito, P., Cuevas, J., Perna, C., et al. (2010). Effectiveness of chondroitin sulphate in patients with concomitant knee osteoarthritis and psoriasis: a randomized, double-blind, placebo-controlled study. *Osteoarthritis Cartilage*, 18 Suppl 1, S32-40. doi: S1063-4584(10)00090-7 [pii]10.1016/j.joca.2010.01.018
- Mulbert, A.E., et al. "Identification of Nonsteroidal Anti-Inflammatory Drug-Induced Gastroduodenal Injury in Children with Juvenile Rheumatoid Arthritis." *J Pediatr* (April 1993): 645–46.
- Muller, H., de Toledo, F. W., & Resch, K. L. (2001). Fasting followed by vegetarian diet in patients with rheumatoid arthritis: a systematic review. *Scand J Rheumatol*, 30(1), 1-10.
- Musnick, D. (2009). Osteoarthritis. In I. Kohlstadt (Ed.), *Food & Nutrients in Disease Management* (pp. 539-556). Boca Raton, FL: CCR.
- Nielsen, G.L., et al. "The Effects of Dietary Supplementation with N-3 Polyunsaturated Fatty Acids in Patients with Rheumatoid Arthritis." *Eur J Clin Invest* 22 (1992): 687–91.
- Palladino, M.A., et al. "Anti-TNF-Alpha Therapies: The Next Generation." *Nat Rev Drug Discov* 2 (9) (September 2003): 736–46.
- Pattison, D. J., Symmons, D. P., & Young, A. (2004). Does diet have a role in the aetiology of rheumatoid arthritis? *Proc Nutr Soc*, 63(1), 137-143.
- Petersen Vikki, P. R. (2009). *The Gluten Effect: How "Innocent" Wheat is Ruining Your Health*: True Health Publ.
- Picco, P., et al. "Increased Gut Permeability in Juvenile Chronic Arthritides. A Multivariate Analysis of the Diagnostic Parameters." *Clin Exp Rheumatol* 18 (6) (November–December 2000): 773–78.
- Pignet, M., and A. Lecomte. "The Effects of Harpogophytum Capsules in Degenerative Rheumatology." *Medicine Actuelle* 12, no. 4 (1985): 65–76.
- Polli, E., et al. "Pharmacological and Clinical Aspects of Sadenosylmethionine (SAME) in Primary Degenerative Arthropathy." *Minerva Medical* 66, no. 83 (December 5, 1975): 4443–59.
- Rashid, T., & Ebringer, A. (2008). Rheumatoid arthritis in smokers could be linked to Proteus urinary tract infections. *Med Hypotheses*, 70(5), 975-980. doi: S0306-9877(07)00573-7 [pii]10.1016/j.mehy.2007.08.026
- Rister, M., & Bauermeister, K. (1982). [Superoxide-dismutase and superoxide-radical-release in rheumatoid arthritis (author's transl)]. *Klin Wochenschr*, 60(11), 561-565.

- Seignalet, J. "Diet, Fasting, and Rheumatoid Arthritis." *Lancet* 339 (January 4, 1993): 68–69.
- Shapiro, J. A., Koepsell, T. D., Voigt, L. F., Dugowson, C. E., Kestin, M., & Nelson, J. L. (1996). Diet and rheumatoid arthritis in women: a possible protective effect of fish consumption. *Epidemiology*, 7(3), 256-263.
- Sigthorsson, G., Tibble, J., Hayllar, J., Menzies, I., Macpherson, A., Moots, R., . . . Bjarnason, I. (1998). Intestinal permeability and inflammation in patients on NSAIDs. *Gut*, 43(4), 506-511.
- Silverio Amancio, O. M., Alves Chaud, D. M., Yanaguibashi, G., & Esteves Hilario, M. O. (2003). Copper and zinc intake and serum levels in patients with juvenile rheumatoid arthritis. *Eur J Clin Nutr*, 57(5), 706-712.
- Singh, G. "Recent Considerations in Nonsteroidal Anti-Inflammatory Drug Gastropathy." *Am J Med* 105, no. 1B (July 27, 1998): 31S–38S.
- Soeken, K.L., et al. "Safety and Efficacy of S-Adenosylmethionine (SAME) for Osteoarthritis." *J Fam Pract* 51 (5) (May 2002): 425–30.
- Srivastava, K. C., & Mustafa, T. (1992). Ginger (*Zingiber officinale*) in rheumatism and musculoskeletal disorders. *Med Hypotheses*, 39(4), 342-348.
- Srivastava, K.C., and T. Mustafa. "Ginger (*Zingiber officinale*) in Rheumatism and Musculoskeletal Disorders." *Med Hypotheses* 39 (1992): 342–48.
- Stokes, D.G., and J.M. Kremer. "Potential of Tumor Necrosis Factor Neutralization Strategies in Rheumatologic Disorders Other than Rheumatoid Arthritis." *Semin Arthritis Rheum* 33 (1) (August 2003): 1–18.
- Sundrarjun, T., Komindr, S., Archararit, N., Dahlan, W., Puchaiwatananon, O., Angthararak, S., et al. (2004). Effects of n-3 fatty acids on serum interleukin-6, tumour necrosis factor-alpha and soluble tumour necrosis factor receptor p55 in active rheumatoid arthritis. *J Int Med Res*, 32(5), 443-454.
- Tao, X., Cush, J. J., Garret, M., & Lipsky, P. E. (2001). A phase I study of ethyl acetate extract of the chinese antirheumatic herb *Tripterygium wilfordii* hook F in rheumatoid arthritis. *J Rheumatol*, 28(10), 2160-2167.
- Tiwana, H., et al. "Antibody Responses to Gut Bacteria in Ankylosing Spondylitis, Rheumatoid Arthritis, Crohn's Disease, and Ulcerative Colitis." *Rheumatol Int* 17, no. 1 (1997): 11–16.
- Togrol, R. E., Nalbant, S., Solmazgul, E., Ozyurt, M., Kaplan, M., Kiralp, M. Z., et al. (2009). The significance of coeliac disease antibodies in patients with ankylosing spondylitis: a case-controlled study. *J Int Med Res*, 37(1), 220-226.
- Trock, D.H., et al. "A Double-Blind Trial of the Clinical Effects of Pulsed Electromagnetic Fields in Osteoarthritis." *J Rheumatol* 20, no. 3 (1993): 456–60.
- Wallace, D.J. "Silicone Breast Implants Do Not Cause Rheumatic Diseases, but Can They Influence Them?" *Arthritis Rheum* 46 (9) (September 2002): 25–45.

Weber, P., Brune, T., Ganser, G., & Zimmer, K. P. (2003). Gastrointestinal symptoms and permeability in patients with juvenile idiopathic arthritis. *Clin Exp Rheumatol*, 21(5), 657-662.

Weber, P., et al. "Gastrointestinal Symptoms and Permeability in Patients with Juvenile Idiopathic Arthritis." *Clin Exp Rheumatol* 21 (5) (September–October 2003): 657–62.

Witte, S., R. Lasek, and N. Victor. "Meta-Analysis of the Efficacy of Adenosylmethionine and Oxaceprol in the Treatment of Osteoarthritis." *Orthopade* 31 (11) (November 2002): 1058–65.

Wray, D. "Gluten-Sensitive Recurrent Arthritis Stomatitis." *Dig Dis Sci* 26, no. 8 (August 1981): 737–40.

Part V: Natural Therapies for the Diverse Consequences of Faulty Digestion

Chapter 27: Autoimmune Disorders

Amital, H., Govoni, M., Maya, R., Meroni, P. L., Ori, B., Shoenfeld, Y., et al. (2008). Role of infectious agents in systemic rheumatic diseases. *Clin Exp Rheumatol*, 26(1 Suppl 48), S27-32. doi: 2279 [pii]

Arbuckle, M. R., McClain, M. T., Rubertone, M. V., Scofield, R. H., Dennis, G. J., James, J. A., et al. (2003). Development of autoantibodies before the clinical onset of systemic lupus erythematosus. *N Engl J Med*, 349(16), 1526-1533. doi: 10.1056/NEJMoa021933 349/16/1526 [pii]

Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.

Bjarnason, I. (1994). Intestinal permeability. *Gut*, 35(1 Suppl), S18-22.

Brown, J. M., Pfau, J. C., Pershouse, M. A., & Holian, A. (2005). Silica, apoptosis, and autoimmunity. *J Immunotoxicol*, 1(3), 177-187. doi: 714111397 [pii]10.1080/15476910490911922

Burkitt, D. (1984). Fiber as protective against gastrointestinal diseases. *Am J Gastroenterol*, 79(4), 249-252.

Burkitt, D. P. (1981). The protective properties of dietary fiber. *N C Med J*, 42(7), 467-471.

Burkitt, D. P. (1988). Dietary fiber and cancer. *J Nutr*, 118(4), 531-533.

Burkitt, D. P., & Trowell, H. C. (1977). Dietary fibre and western diseases. *Ir Med J*, 70(9), 272-277.

Chang, D. M., Chang, W. Y., Kuo, S. Y., & Chang, M. L. (1997). The effects of traditional antirheumatic herbal medicines on immune response cells. *J Rheumatol*, 24(3), 436-441.

Costenbader, K. H., Feskanich, D., Holmes, M., Karlson, E. W., & Benito-Garcia, E. (2008). Vitamin D intake and risks of systemic lupus erythematosus and rheumatoid arthritis in women. *Annals of the rheumatic diseases*, 67(4), 530.

De Block, C. E. (2000). [Diabetes mellitus type 1 and associated organ-specific autoimmunity]. *Verh K Acad Geneesk Belg*, 62(4), 285-328.

Dubois, P. C., & van Heel, D. A. (2008). Translational mini-review series on the immunogenetics of gut disease: immunogenetics of coeliac disease. *Clin Exp Immunol*, 153(2), 162-173. doi: CEI3704 [pii]10.1111/j.1365-2249.2008.03704.x

- Ebringer, A., & Wilson, C. (2000). HLA molecules, bacteria and autoimmunity. *J Med Microbiol*, 49(4), 305-311.
- Ebringer, A., and C. Wilson. "HLA Molecules, Bacteria and Autoimmunity." *J Med Microbiol* 49 (4) (April 2000): 305–11.
- Frohlich-Reiterer, E. E., Hofer, S., Kaspers, S., Herbst, A., Kordonouri, O., Schwarz, H. P., et al. (2008). Screening frequency for celiac disease and autoimmune thyroiditis in children and adolescents with type 1 diabetes mellitus--data from a German/Austrian multicentre survey. *Pediatr Diabetes*, 9(6), 546-553. doi: PDI435 [pii]10.1111/j.1399-5448.2008.00435.x
- Fuchtenbusch, M., Karges, W., Standl, E., Dosch, H. M., & Ziegler, A. G. (1997). Antibodies to bovine serum albumin (BSA) in type 1 diabetes and other autoimmune disorders. *Exp Clin Endocrinol Diabetes*, 105(2), 86-91.
- Galli-Tsinopoulou, A., Nousia-Arvanitakis, S., Dracoulacos, D., Xefteri, M., & Karamouzis, M. (1999). Autoantibodies predicting diabetes mellitus type I in celiac disease. *Horm Res*, 52(3), 119-124. doi: hre52119 [pii]
- Guillen Fiel, G., Gonzalez-Granado, L. I., Mosqueda, R., Negreira, S., & Giangaspro, E. (2009). [Arthritis caused by Candida in an immunocompetent infant with a history of systemic candidiasis in the neonatal period]. *An Pediatr (Barc)*, 70(4), 383-385. doi: S1695-4033(08)00107-0 [pii]10.1016/j.anpedi.2008.12.001
- Haugen, M., Kjeldsen-Kragh, J., Nordvag, B. Y., & Forre, O. (1991). Diet and disease symptoms in rheumatic diseases--results of a questionnaire based survey. *Clin Rheumatol*, 10(4), 401-407.
- Hedberg, N. (Producer). (2010). Understanding Autoimmune Diseases. [Webinar]
- Ho LJ, L. J. (2004). Chinese herbs as immunomodulators and potential disease-modifying antirheumatic drugs in autoimmune disorders. *Curr Drug Metab., Apr;5(2)*, 181-192.
- Holick, M.F. "Vitamin D: Importance in the Prevention of Cancers, Type 1 Diabetes, Heart Disease, and Osteoporosis." *Am J Clin Nutr* 79 (3) (March 2004): 362–71.
- Huisman, A.M., et al. "Vitamin D Levels in Women with Systemic Lupus Erythematosus and Fibromyalgia." *J Rheumatol* 28 (11) (November 2001): 2535–39.
- Karaguzel, G., Simsek, S., Deger, O., & Okten, A. (2008). Screening of diabetes, thyroid, and celiac diseases-related autoantibodies in a sample of Turkish children with type 1 diabetes and their siblings. *Diabetes Res Clin Pract*, 80(2), 238-243. doi: S0168-8227(07)00622-5 [pii]10.1016/j.diabres.2007.12.007
- Katz, J.P., and G.R. Lichtenstein. "Rheumatologic Manifestations of Gastrointestinal Diseases." *Gastroenterol Clin North Am* 27 (3) (September 1998): 533–62, v.
- Lai, J. H. (2002). Immunomodulatory effects and mechanisms of plant alkaloid tetrandrine in autoimmune diseases. *Acta Pharmacol Sin*, 23(12), 1093-1101.
- Marshak-Rothstein, A. (2006). Toll-like receptors in systemic autoimmune disease. *Nature Reviews Immunology*, 6(11), 823-835. doi: 10.1038/nri1957
- McCarthy, G., and D. Kenny. "Dietary Fish Oil and Rheumatic Diseases." *Semin Arthritis Rheum* 21, no. 6 (June 1992): 368–75.

- Miller, F.W., and D.R. Germolec. "Occupational Exposures and Autoimmune Diseases." *Cooper Int Immunopharmacol* 2 (2002): 303–13.
- Mont-Serrat, C., Hoineff, C., Meirelles, R. M., & Kupfer, R. (2008). [Diabetes and autoimmune diseases: prevalence of celiac disease in children and adolescents with type 1 diabetes]. *Arq Bras Endocrinol Metabol*, 52(9), 1461-1465. doi: S0004-27302008000900009 [pii]
- Noy, S., et al. "Schizophrenia and Autoimmunity—A Possible Etiological Mechanism?" *Neuropsychobiology* 30 (1994): 157–59.
- Paronen, J., Knip, M., Savilahti, E., Virtanen, S. M., Ilonen, J., Akerblom, H. K., et al. (2000). Effect of cow's milk exposure and maternal type 1 diabetes on cellular and humoral immunization to dietary insulin in infants at genetic risk for type 1 diabetes. Finnish Trial to Reduce IDDM in the Genetically at Risk Study Group. *Diabetes*, 49(10), 1657-1665.
- Pignet, M., and A. Lecomte. "The Effects of Harpogophytum Capsules in Degenerative Rheumatology." *Medicine Actuelle* 12, no. 4 (1985): 65–76.
- Rensch, M. J., Szykowski, R., Shaffer, R. T., Fink, S., Kopecky, C., Grissmer, L., et al. (2001). The prevalence of celiac disease autoantibodies in patients with systemic lupus erythematosus. *Am J Gastroenterol*, 96(4), 1113-1115. doi: S0002-9270(01)02316-4 [pii]10.1111/j.1572-0241.2001.03753.x
- Salardi, S., Volta, U., Zucchini, S., Fiorini, E., Maltoni, G., Vaira, B., & Cicognani, A. (2008). Prevalence of celiac disease in children with type 1 diabetes mellitus increased in the mid-1990 s: an 18-year longitudinal study based on anti-endomysial antibodies. *J Pediatr Gastroenterol Nutr*, 46(5), 612-614. doi: 10.1097/MPG.0b013e31815d697e 00005176-200805000-00024 [pii]
- San-Pedro, J. I., Bilbao, J. R., Perez de Nanclares, G., Vitoria, J. C., Martul, P., & Castano, L. (2005). Heterogeneity of vitamin D receptor gene association with celiac disease and type 1 diabetes mellitus. *Autoimmunity*, 38(6), 439-444. doi: X020X056517K6T1K [pii]10.1080/08916930500288455
- Sazanava, N.E., et al. "Immunological Aspects of Food Intolerance in Children During First Years of Life." *Pediatrriia* 3 (1992): 14–18.
- Sinaii, N., Cleary, S. D., Ballweg, M. L., Nieman, L. K., & Stratton, P. (2002). High rates of autoimmune and endocrine disorders, fibromyalgia, chronic fatigue syndrome and atopic diseases among women with endometriosis: a survey analysis. *Hum Reprod*, 17(10), 2715-2724.
- Stokes, D.G., and J.M. Kremer. "Potential of Tumor Necrosis Factor Neutralization Strategies in Rheumatologic Disorders Other than Rheumatoid Arthritis." *Semin Arthritis Rheum* 33 (1) (August 2003): 1–18.
- Vaarala, O. (2002). The gut immune system and type 1 diabetes. *Ann N Y Acad Sci*, 958, 39-46.
- Vaarala, O. (2005). Is type 1 diabetes a disease of the gut immune system triggered by cow's milk insulin? *Adv Exp Med Biol*, 569, 151-156. doi: 10.1007/1-4020-3535-7_22
- Vaarala, O., Atkinson, M. A., & Neu, J. (2008). The "perfect storm" for type 1 diabetes: the complex interplay between intestinal microbiota, gut permeability, and mucosal immunity. *Diabetes*, 57(10), 2555-2562. doi: 57/10/2555 [pii] 10.2337/db08-0331

- Vaarala, O., Saukkonen, T., Savilahti, E., Klemola, T., & Akerblom, H. K. (1995). Development of immune response to cow's milk proteins in infants receiving cow's milk or hydrolyzed formula. *J Allergy Clin Immunol*, 96(6 Pt 1), 917-923. doi: S0091-6749(95)70229-6 [pii]
- Ventura, A., Neri, E., Ughi, C., Leopaldi, A., Citta, A., & Not, T. (2000). Gluten-dependent diabetes-related and thyroid-related autoantibodies in patients with celiac disease. *J Pediatr*, 137(2), 263-265. doi: S0022-3476(00)63042-1 [pii]10.1067/mpd.2000.107160
- Visser, J., Rozing, J., Sapone, A., Lammers, K., & Fasano, A. (2009). Tight junctions, intestinal permeability, and autoimmunity: celiac disease and type 1 diabetes paradigms. *Ann N Y Acad Sci*, 1165, 195-205. doi: NYAS04037 [pii] 10.1111/j.1749-6632.2009.04037.x
- Vojdani, A., Bazargan, M., Vojdani, E., Samadi, J., Nourian, A. A., Eghbalieh, N., et al. (2004). Heat shock protein and gliadin peptide promote development of peptidase antibodies in children with autism and patients with autoimmune disease. *Clin Diagn Lab Immunol*, 11(3), 515-524. doi: 10.1128/CDLI.11.3.515-524.2004 11/3/515 [pii]
- Wang, S. J., Kao, C. H., Chen, D. U., & Lan, J. L. (1992). Intestinal permeability test in systemic lupus erythematosus. *Zhonghua Yi Xue Za Zhi (Taipei)*, 49(1), 29-33.
- Zeglaoui, H., Landolsi, H., Mankai, A., Ghedira, I., & Bouajina, E. (2010). Type 1 diabetes mellitus, celiac disease, systemic lupus erythematosus and systemic scleroderma in a 15-year-old girl. *Rheumatol Int*, 30(6), 793-795. doi: 10.1007/s00296-009-0988-2

Chapter 28: Behcet's Disease

- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.
- Bjarnason, I. (1994). Intestinal permeability. *Gut*, 35(1 Suppl), S18-22.
- Chambers, J.C., D.O. Haskard, and J.S. Kooner. "Vascular Endothelial Function and Oxidative Stress Mechanisms in Patients with Behcet's Syndrome." *J Am Coll Cardiol* 37 (2) (February 2001): 517-20.
- Delilbasi E., et al. "Selenium and Behcet's Disease." *Biol Trace Elem Res* 28 (1) (January 1991): 21-25.
- Fresko, I., et al. "Intestinal Permeability in Behcet's Syndrome." *Ann Rheum Dis* 60 (1) (January 2001): 65-66.
- Fresko, I., Hamuryudan, V., Demir, M., Hizli, N., Sayman, H., Melikoglu, M., . . . Yazici, H. (2001). Intestinal permeability in Behcet's syndrome. *Ann Rheum Dis*, 60(1), 65-66.
- Kamaeva, O. I., Reznikov Iu, P., Pimenova, N. S., & Dobritsyna, L. V. (1998). [Antigliadin antibodies in the absence of celiac disease]. *Klin Med (Mosk)*, 76(2), 33-35.
- Kokcam, I., and M. Naziroglu. "Effects of Vitamin E Supplementation on Blood Antioxidants Levels in Patients with Behcet's Disease." *Clin Biochem* 35 (8) (November 2002): 633-39.

Noyan, T., et al. "Serum Vitamin C Levels in Behcet's Disease." *Yonsei Med J* 44 (5) (October 30, 2003): 771–78.

Orem, A., et al. "The Evaluation of Autoantibodies Against Oxidatively Modified Low-Density Lipoprotein (LDL), Susceptibility of LDL to Oxidation, Serum Lipids and Lipid Hydroperoxide Levels, Total Antioxidant Status, Antioxidant Enzyme Activities, and Endothelial Dysfunction in Patients with Behcet's Disease." *Clin Biochem* 35 (3) (May 2002): 217–24.

Pronai, L., and S. Arimori. "BG-104 Enhances the Decreased Plasma Superoxide Scavenging Activity in Patients with Behcet's Disease, Sjögren's Syndrome or Hematological Malignancy." *Biotherapy* 3 (4) (1991): 365–71.

Saglam, K., et al. "Trace Elements and Antioxidant Enzymes in Behcet's Disease." *Rheumatol Int* 22 (3) (July 2002): 93–96.

Sancak, B., et al. "Nitric Oxide Levels in Behcet's Disease." *J Eur Acad Dermatol Venereol* 17 (1) (January 2003): 7–9.

Triolo, G., et al. "Humoral and Cell Mediated Immune Response to Cow's Milk Proteins in Behcet's Disease." *Ann Rheum Dis* 61 (5) (May 2002): 459–62.

Uyar, F. A., Saruhan-Direskeneli, G., & Gul, A. (2004). Common Crohn's disease-predisposing variants of the CARD15/NOD2 gene are not associated with Behcet's disease in Turkey. *Clin Exp Rheumatol*, 22(4 Suppl 34), S50-52.

Yu, P., et al. "Effects of Acupuncture on Humoral Immunologic Function and Trace Elements in 20 Cases of Behcet's Disease." *J Tradit Chin Med* 21 (2) (June 2001): 100–102.

Zeis, J. "Behcet's Disease." website: www.behcetsdisease.com/basics.htm#WhatisBD

Chapter 29: Cardiovascular Disease – The GI Connection

Delaney, B. C., Hobbs, F. D., & Holder, R. (1996). Association of *Helicobacter pylori* infection with coronary heart disease. Eradication of the infection on grounds of cardiovascular risk is not supported by current evidence. *BMJ*, 312(7025), 251-252.

de Luis, D. A., Lahera, M., Canton, R., Boixeda, D., San Roman, A. L., Aller, R., et al. (1998). Association of *Helicobacter pylori* infection with cardiovascular and cerebrovascular disease in diabetic patients. *Diabetes Care*, 21(7), 1129-1132.

de Oliveira, C., Watt, R., & Hamer, M. (2010). Toothbrushing, inflammation, and risk of cardiovascular disease: results from Scottish Health Survey. *BMJ*, 340, c2451.

Gillum, R. F. (2004). Infection with *Helicobacter pylori*, coronary heart disease, cardiovascular risk factors, and systemic inflammation: the Third National Health and Nutrition Examination Survey. *J Natl Med Assoc*, 96(11), 1470-1476.

- Haider, A. W., Wilson, P. W., Larson, M. G., Evans, J. C., Michelson, E. L., Wolf, P. A., et al. (2002). The association of seropositivity to *Helicobacter pylori*, *Chlamydia pneumoniae*, and cytomegalovirus with risk of cardiovascular disease: a prospective study. *J Am Coll Cardiol*, *40*(8), 1408-1413. doi: S0735109702022726 [pii]
- Kitchell, B. B. (1984). Heart and liver lipid fatty acid and behavior changes in mice after a diet change. *Life Sci*, *34*(17), 1613-1620.
- Murray, L. J., Bamford, K. B., O'Reilly, D. P., McCrum, E. E., & Evans, A. E. (1995). *Helicobacter pylori* infection: relation with cardiovascular risk factors, ischaemic heart disease, and social class. *Br Heart J*, *74*(5), 497-501.
- Okada, T., Ayada, K., Usui, S., Yokota, K., Cui, J., Kawahara, Y., et al. (2007). Antibodies against heat shock protein 60 derived from *Helicobacter pylori*: diagnostic implications in cardiovascular disease. *J Autoimmun*, *29*(2-3), 106-115. doi: S0896-8411(07)00067-4 [pii]10.1016/j.jaut.2007.05.004
- Patel, P., Mendall, M. A., Carrington, D., Strachan, D. P., Leatham, E., Molineaux, N., et al. (1995). Association of *Helicobacter pylori* and *Chlamydia pneumoniae* infections with coronary heart disease and cardiovascular risk factors. *BMJ*, *311*(7007), 711-714.
- Pellicano, R., Oliaro, E., Fagoonee, S., Astegiano, M., Berrutti, M., Saracco, G., et al. (2009). Clinical and biochemical parameters related to cardiovascular disease after *Helicobacter pylori* eradication. *Int Angiol*, *28*(6), 469-473. doi: R34092448 [pii]
- Pellicano, R., Oliaro, E., Gandolfo, N., Aruta, E., Mangiardi, L., Orzan, F., et al. (2000). Ischemic cardiovascular disease and *Helicobacter pylori*. Where is the link? *J Cardiovasc Surg (Torino)*, *41*(6), 829-833.

Chapter 30: Chronic Fatigue Syndrome

- . "A Follow-Up on Malic Acid: CFIDS Buyer's Club." *Health Watch* 3, no. 1 (Spring 1993): 1–3.
- . "Intravenous Nutrient Therapy: The 'Meyers' cocktail.'" *Altern Med Rev* 7 (5) (2002): 389–403.
- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, *18*(1), 5-13.
- Bland, J. "Advancement in Clinical Nutrition HealthComm." Taken from Komaroff, A.L. "Clinical Presentations of Chronic Fatigue Syndrome." In *Chronic Fatigue Syndrome*, edited by Bock and Whelan. New York: Wiley and Sons Ltd., 1993.
- Bottiglieri, T. "S-Adenosyl-L-Methionine (SAME): From the Bench to the Bedside—Molecular Basis of a Pleiotrophic Molecule." *Am J Clin Nutr* 76 (5) (November 2002): 1151S-57S.
- Bou-Holaigah, I., et al. "The Relationship Between Neurally Mediated Hypotension and the Chronic Fatigue Syndrome." *JAMA* 74, no. 12 (September 27, 1995): 961–67.

- Briggs, N.C., and P.H. Levine. "A Comparative Review of Systemic and Neurological Symptomatology of 12 Outbreaks Collectively Described as Chronic Fatigue Syndrome, Epidemic Neuromyasthenia, and Myalgic Encephalomyelitis." *Clin Infect Dis* 18 (Suppl) (January 1994): S32–S42.
- Brunello, N., Akiskal, H., Boyer, P., Gessa, G. L., Howland, R. H., Langer, S. Z., et al. (1999). Dysthymia: clinical picture, extent of overlap with chronic fatigue syndrome, neuropharmacological considerations, and new therapeutic vistas. *J Affect Disord*, 52(1-3), 275-290.
- Dykman, K.D., et al. "The Effects of Nutritional Supplements on the Symptoms of Fibromyalgia and Chronic Fatigue Syndrome." *Integr Physiol Behav Sci* 33, no. 1 (January–March 1998): 61–71.
- Forsyth, L.M., et al. "Therapeutic Effects of Oral NADH on the Symptoms of Patients with Chronic Fatigue Syndrome." *Ann Allergy Asthma Immunol* 82, no. 2 (February 1999).
- Galland, L., et al. "Giardia Lamblia Infection as a Cause of Chronic Fatigue." *J Nutr Med* (1990): 27–31.
- Goldenberg, D.L. "Fibromyalgia, Chronic Fatigue Syndrome, and Myofascial Pain Syndrome." *Curr Opin Rheumatol* 6, no. 2 (March 1994): 223–33.
- Gray, J.B., and A.M. Martinovic. "Ecoisanoids and Essential Fatty Acid Modulation in Chronic Disease and Chronic Fatigue Syndrome." *Med Hypotheses* 43 (July 1994): 31–42.
- Jammes, Y., Steinberg, J. G., Delliaux, S., & Bregeon, F. (2009). Chronic fatigue syndrome combines increased exercise-induced oxidative stress and reduced cytokine and Hsp responses. *J Intern Med*, 266(2), 196-206. doi: JIM2079 [pii]10.1111/j.1365-2796.2009.02079.x
- Jammes, Y., Steinberg, J. G., Mambrini, O., Bregeon, F., & Delliaux, S. (2005). Chronic fatigue syndrome: assessment of increased oxidative stress and altered muscle excitability in response to incremental exercise. *J Intern Med*, 257(3), 299-310. doi: JIM1452 [pii]10.1111/j.1365-2796.2005.01452.x
- Kuratsune, H., et al. "Acylcarnitine and Chronic Fatigue Syndrome." *Carnitine Today* 10 (1997): 195–213.
- Lapp, C.W., and P. Cheney. "Chronic Fatigue Syndrome: Self-Care Manual, February 1991." *The CFDS Chronicle Physicians' Forum* 1, no. 1 (March 1991): 14–17.
- Logan, A. C., & Wong, C. (2001). Chronic fatigue syndrome: oxidative stress and dietary modifications. *Altern Med Rev*, 6(5), 450-459.
- Maes, M. (2010, July 4. epub ahead of print). An intriguing and hitherto unexplained co-occurrence: Depression and chronic fatigue syndrome are manifestations of shared inflammatory, oxidative and nitrosative (IO&NS) pathways. *Prog Neuropsychopharmacol Biol Psychiatry*.
- McSherry, J. "Chronic Fatigue Syndrome: A Fresh Look at an Old Problem." *Can Fam Phys* 39 (February 1993): 336–40.
- Moldofsky, H. "Fibromyalgia, Sleep Disorder and Chronic Fatigue Syndrome." *Ciba Foundation Symposium* 173 (1993): 262–71, 272–79.

Myhill, S., Booth, N. E., & McLaren-Howard, J. (2009). Chronic fatigue syndrome and mitochondrial dysfunction. *Int J Clin Exp Med*, 2(1), 1-16.

Shafran, S.D., et al. "Chronic Fatigue Syndrome." *Am J Med* 90 (June 1991): 730–40.

Sinaii, N., Cleary, S. D., Ballweg, M. L., Nieman, L. K., & Stratton, P. (2002). High rates of autoimmune and endocrine disorders, fibromyalgia, chronic fatigue syndrome and atopic diseases among women with endometriosis: a survey analysis. *Hum Reprod*, 17(10), 2715-2724.

Sullivan, A., Nord, C. E., & Evengard, B. (2009). Effect of supplement with lactic-acid producing bacteria on fatigue and physical activity in patients with chronic fatigue syndrome. *Nutr J*, 8, 4. doi: 1475-2891-8-4 [pii]10.1186/1475-2891-8-4

Teitelbaum JE, J. C., St Cyr J. (2006). The use of D-ribose in chronic fatigue syndrome and fibromyalgia: a pilot study. *J Altern Complement Med.*, Nov (12)(9), 857-862.

Teitelbaum, J. E. (2009). Fibromyalgia and Chronic Fatigue Syndrome. In I. Kohlstadt (Ed.), *Food & Nutrients in Disease Management* (pp. 557-564). Boca Raton, FL: CCR.

Chapter 31: Eczema or Atopic Dermatitis

Ali, B.H., and G. Blunden. "Pharmacological and Toxicological Properties of Nigella Sativa." *Phytother Res* 17 (4) (April 2003): 299–305.

Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.

Black, P. N. (2005). Does atopy protect against enteric infections? *Allergy*, 60(1), 30-34.

Breuer, K., Heratizadeh, A., Wulf, A., Baumann, U., Constien, A., Tetau, D., et al. (2004). Late eczematous reactions to food in children with atopic dermatitis. *Clin Exp Allergy*, 34(5), 817-824.

Burks, W.A., et al. "Atopic Dermatitis and Food Hypersensitivity Reactions." *J Pediatr* 132 (1998): 132–36.

Elisa/Act Patient Handbook. Reston, Va.: Serammune Laboratories, 2000.

Fischer, S., Ring, J., & Abeck, D. (2003). [Atopic eczema. Spectrum of provocation factors and possibilities for their effective reduction and elimination]. *Hautarzt*, 54(10), 914-924.

Horrobin, D. F. (2000). Essential fatty acid metabolism and its modification in atopic eczema. *Am J Clin Nutr*, 71(1 Suppl), 367S-372S.

Kalimo, K. "Yeast Allergy in Adult Atopic Dermatitis." *Immunol Pharmacol Aspects* 4 (1991): 164–67.

Kalus, U., et al. "Effect of Nigella Sativa (Black Seed) on Subjective Feeling in Patients with Allergic Diseases." *Phytother Res* 17 (10) (December 2003): 1209–14.

Kay, J., Gawkrödger, D. J., Mortimer, M. J., & Jaron, A. G. (1994). The prevalence of childhood atopic eczema in a general population. *J Am Acad Dermatol*, 30(1), 35-39.

- Khoo, J., et al. "Pattern of Sensitization to Common Environmental Allergens Amongst Atopic Singapore Children in the First 3 Years of Life." *Asian Pac J Allergy Immunol* 19 (4) (December 2001): 225–29.
- Kirjavainen, P. V., Salminen, S. J., & Isolauri, E. (2003). Probiotic bacteria in the management of atopic disease: underscoring the importance of viability. *J Pediatr Gastroenterol Nutr*, 36(2), 223-227.
- Menzel, I., and H. Holzmann. "Reflections on Seborrheic Scalp Eczema and Psoriasis Capillitii in Relation to Intestinal Mycoses." *Z Hautkr* 61, no. 7 (April 1986): 451–54.
- Mortz, C. G., Lauritsen, J. M., Bindslev-Jensen, C., & Andersen, K. E. (2001). Prevalence of atopic dermatitis, asthma, allergic rhinitis, and hand and contact dermatitis in adolescents. The Odense Adolescence Cohort Study on Atopic Diseases and Dermatitis. *Br J Dermatol*, 144(3), 523-532.
- Mortz, C. G., Lauritsen, J. M., Bindslev-Jensen, C., & Andersen, K. E. (2002). Contact allergy and allergic contact dermatitis in adolescents: prevalence measures and associations. The Odense Adolescence Cohort Study on Atopic Diseases and Dermatitis (TOACS). *Acta Derm Venereol*, 82(5), 352-358.
- Mortz, C. G., Lauritsen, J. M., Bindslev-Jensen, C., & Andersen, K. E. (2002). Nickel sensitization in adolescents and association with ear piercing, use of dental braces and hand eczema. The Odense Adolescence Cohort Study on Atopic Diseases and Dermatitis (TOACS). *Acta Derm Venereol*, 82(5), 359-364.
- Niggemann, B. (2004). Role of oral food challenges in the diagnostic work-up of food allergy in atopic eczema dermatitis syndrome. *Allergy*, 59 Suppl 78, 32-34.
- Oliwiecki, S., et al. "Levels of Essential and Other Fatty Acids in Plasma and Red Cell Phospholipids from Normal Controls in Patients with Atopic Eczema." *Acta Derm Venereol (Stockholm)* 71 (1990): 224–28.
- Patzelt-Wenzler, R., & Ponce-Poschl, E. (2000). Proof of efficacy of Kamillosan(R) cream in atopic eczema. *Eur J Med Res*, 5(4), 171-175.
- Patzelt-Wenzler, R., and E. Ponce-Poschl. "Proof of Efficacy of Kamillosan® Cream in Atopic Eczema." *Eur J Med Res* 5 (4) (April 19, 2000): 171–5.
- Resch, A., Schlipkoter, U., Crispin, A., Behrendt, H., Heinrich, J., Wichmann, H. E., et al. (2004). Atopic disease and its determinants -- a focus on the potential role of childhood infection. *Clin Exp Allergy*, 34(8), 1184-1191.
- Rosenfeldt, V., Benfeldt, E., Nielsen, S. D., Michaelsen, K. F., Jeppesen, D. L., Valerius, N. H., et al. (2003). Effect of probiotic Lactobacillus strains in children with atopic dermatitis. *J Allergy Clin Immunol*, 111(2), 389-395. doi: S0091674902913734 [pii]
- Rottem, M., Darawsha, J., & Zarkin, J. (2004). Atopic dermatitis in infants and children in Israel: clinical presentation, allergies and outcome. *Isr Med Assoc J*, 6(4), 209-212.
- Rupprecht, M., et al. "Physical Stress-Induced Secretion of Adrenal and Pituitary Hormones in Patients with Atopic Eczema Compared with Normal Controls." *Clin Endocrinol Diabetes* 105 (1997): 39–45.
- Saeedi, M., K. Morteza-Semnani, and M.R. Ghoreishi. "The Treatment of Atopic Dermatitis with Licorice Gel." *J Dermatolog Treat* 14 (3) (September 2003): 153–57.

- Sampson, H. A. (1992). The immunopathogenic role of food hypersensitivity in atopic dermatitis. *Acta Derm Venereol Suppl (Stockh)*, 176, 34-37.
- Sampson, H.A. "The Immunopathogenic Role of Food Hypersensitivity in Atopic Dermatitis." *Acta Derm Venereol Suppl (Stockholm)* 176 (1992): 34–37.
- Schafer, T., et al. "Epidemiology of Food Allergy/Food Intolerance in Adults: Associations with Other Manifestations of Atopy." *Allergy* 56 (12) (December 2001): 1172–79.
- Schmidt, W. P. (2004). Model of the epidemic of childhood atopy. *Med Sci Monit*, 10(2), HY5-9.
- Sinaii, N., Cleary, S. D., Ballweg, M. L., Nieman, L. K., & Stratton, P. (2002). High rates of autoimmune and endocrine disorders, fibromyalgia, chronic fatigue syndrome and atopic diseases among women with endometriosis: a survey analysis. *Hum Reprod*, 17(10), 2715-2724.
- Soyland, E., et al. "Dietary Supplementation with Very Long-Chain Omega-3 Fatty Acids in Patients with Atopic Dermatitis." *Br J Dermatol* 130 (1994): 757–64.
- Tan, B. B., et al. "Double-Blind Controlled Trial of Effect of Housedust-Mite Allergen Avoidance on Atopic Dermatitis." *Lancet* 347 (January 26, 1996): 15–18.
- Turjanmaa, K. (2002). "Atopy patch tests" in the diagnosis of delayed food hypersensitivity. *Allerg Immunol (Paris)*, 34(3), 95-97.

Chapter 32: Fibromyalgia

- . "A Follow-Up on Malic Acid: CFIDS Buyer's Club." *Health Watch* 3, no. 1 (Spring 1993): 1–3.
- . "Intravenous Nutrient Therapy: The 'Meyers' cocktail.'" *Altern Med Rev* 7 (5) (2002): 389–403.
- Al-Allaf, A.W., et al. "Bone Health in Patients with Fibromyalgia." *Rheumatology (Oxford)* 42 (10) (October 2003): 1202–6.
- Bottiglieri, T. "S-Adenosyl-L-Methionine (SAME): From the Bench to the Bedside—Molecular Basis of a Pleiotrophic Molecule." *Am J Clin Nutr* 76 (5) (November 2002): 1151S-57S.
- Brady, D. M., & Schneider, M. J. (2001). Fibromyalgia syndrome: a new paradigm for differential diagnosis and treatment. *J Manipulative Physiol Ther*, 24(8), 529-541. doi: S0161-4754(01)17587-1 [pii] 10.1067/mmt.2001.118202
- Bramwell, B., et al. "The Use of Ascorbigen in the Treatment of Fibromyalgia Patients: a Preliminary Trial." *Altern Med Rev* 5 (5) (October 2000): 455–62.
- Deluze, C., et al. "Electroacupuncture in Fibromyalgia: Results of a Controlled Trial." *BMJ* 305 (November 21, 1992): 1249–51.

- Dykman, K.D., et al. "The Effects of Nutritional Supplements on the Symptoms of Fibromyalgia and Chronic Fatigue Syndrome." *Integr Physiol Behav Sci* 33, no. 1 (January–March 1998): 61–71.
- Eisinger, J., et al. "Glycolysis Abnormalities in Fibromyalgia." *J Am Coll Nutr* 13, no. 2 (1994): 144–48.
- Elisa/Act Patient Handbook. Reston, Va.: Serammune Laboratories, 2000.
- Faivelson, S. "Electroacupuncture Tried for Pain of Fibromyalgia." *Med Trib Med News* (December 24, 1992): 24.
- Fibromyalgia Symptoms Improve with *Chlorella pyrenoidosa*. (2000). *The Integrative Medicine Consult*, 2(8), 85.
- Fitzcharles, M. A., & Boulos, P. (2003). Inaccuracy in the diagnosis of fibromyalgia syndrome: analysis of referrals. *Rheumatology (Oxford)*, 42(2), 263-267.
- Goldenberg, D.L. "Fibromyalgia, Chronic Fatigue Syndrome, and Myofascial Pain Syndrome." *Curr Opin Rheumatol* 6, no. 2 (March 1994): 223–33.
- Grassetto, M., and A. Varotto. "Primary Fibromyalgia Is Responsive to S-Adenosyl-L-Methionine." *Curr Ther Res Clin Exp* 55, no. 7 (July 1994): 797–806.
- Huisman, A.M., et al. "Vitamin D Levels in Women with Systemic Lupus Erythematosus and Fibromyalgia." *J Rheumatol* 28 (11) (November 2001): 2535–39.
- Ianniello, A., et al. "S-Adenosyl-L-Methionine in Sjögren's Syndrome and Fibromyalgia." *Curr Ther Res Clin Exp* 55, no. 6 (June 1994): 699–706.
- Lukaczer, D., Schlitz B., Liska D. (2000). A pilot trial evaluating the effect of an inflammatory modulating medical food in patients with fibromyalgia. *Clin Pract Altern Med*, 1(3), 148-156.
- McCarty, D.J., et al. "Treatment of Pain Due to Fibromyalgia with Topical Capsaicin: A Pilot Study." *Semin Arthritis Rheum* 23, no. 6 (Suppl) (June 1994): 41–47.
- Moldofsky, H. "Fibromyalgia, Sleep Disorder and Chronic Fatigue Syndrome." *Ciba Foundation Symposium* 173 (1993): 262–71, 272–79.
- Moreshead, J., and R. Jaffe. "Fibromyalgia: Clinical Success Through Enhanced Host Defenses: A Case-Controlled Outcome Study." *IAACN Syllabus*, Dallas, Tex., September 1994.
- Pimentel, M., Wallace, D., Hallegua, D., Chow, E., Kong, Y., Park, S., et al. (2004). A link between irritable bowel syndrome and fibromyalgia may be related to findings on lactulose breath testing. *Ann Rheum Dis*, 63(4), 450-452.
- Schneider, M. J., Brady, D. M., & Perle, S. M. (2006). Commentary: differential diagnosis of fibromyalgia syndrome: proposal of a model and algorithm for patients presenting with the primary symptom of chronic widespread pain. *J Manipulative Physiol Ther*, 29(6), 493-501. doi: S0161-4754(06)00154-0 [pii]10.1016/j.jmpt.2006.06.010

Shabert, J. *The Ultimate Nutrient Glutamine*. Garden City Park, N.Y.: Avery, 1994.

Sinaii, N., Cleary, S. D., Ballweg, M. L., Nieman, L. K., & Stratton, P. (2002). High rates of autoimmune and endocrine disorders, fibromyalgia, chronic fatigue syndrome and atopic diseases among women with endometriosis: a survey analysis. *Hum Reprod*, *17*(10), 2715-2724.

Yunus, M.B., et al. "Plasma Tryptophan and Other Amino Acids in Primary Fibromyalgia: A Controlled Study." *J Rheumatol* 19, no. 1 (1992): 90–94.

Chapter 33: Interstitial Cystitis

Dunlop, S.P., D. Jenkins, and R.C. Spiller. "Distinctive Clinical, Psychological, and Histological Features of Postinfective Irritable Bowel Syndrome." *Am J Gastroenterol* 98 (7) (July 2003): 1578–83.

Chapter 34: Migraine Headaches

———. "Intravenous Nutrient Therapy: The 'Meyers' cocktail.'" *Altern Med Rev* 7 (5) (2002): 389–403.

21st Century Prevention and Management of Migraine Headaches, *Clinical Courier*, 9; September 8, 2001. NINDS and Amer Acad Neurol. www.ninds.nih.gov/doctors/OP129D_Clinical_Courier_fa.pdf

Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, *18*(1), 5-13.

Bates, B. "Low-Fat, High-Carbohydrate Diet Averts Migraines." *Fam Pract News* (August 1, 1996): 16.

Bianchi, A., Salomone, S., Caraci, F., Pizza, V., Bernardini, R., & D'Amato, C. C. (2004). Role of magnesium, coenzyme Q10, riboflavin, and vitamin B12 in migraine prophylaxis. *Vitam Horm*, *69*, 297-312. doi: 10.1016/S0083-6729(04)69011-X S008367290469011X [pii]

Bigal, M. E., & Krymchantowski, A. V. (2006). Migraine triggered by sucralose--a case report. *Headache*, *46*(3), 515-517. doi: HED386_1 [pii] 10.1111/j.1526-4610.2006.00386_1.x

Bigal, M.E., et al. "Intravenous Magnesium Sulphate in the Acute Treatment of Migraine Without Aura and Migraine with Aura: A Randomized, Double-Blind, Placebo-Controlled Study." *Cephalalgia* 22 (5) (June 2002): 345–53.

Biggs, M. J., Johnson, E. S., Persaud, N. P., & Ratcliffe, D. M. (1982). Platelet aggregation in patients using feverfew for migraine. *Lancet*, *2*(8301), 776.

Black, M. "Nicotinic Acid and Headache." *Cortlandt Forum* (August 1990): 26–30.

Bland, J. (2009). *Intercellular Signal Transduction: Mechanical, Electrical, Chemical* [Monthly audio-visual series.]. Gig Harbor, WA: Synthesis by Jeffrey Bland.

Brun, J., Claustrat, B., Sadiet, P., & Chazot, G. (1995). Nocturnal melatonin excretion is decreased in patients with migraine without aura attacks associated with menses. *Cephalalgia*, *15*(2), 136-139; discussion 179.

- Bubenik, G. A., Blask, D. E., Brown, G. M., Maestroni, G. J., Pang, S. F., Reiter, R. J., et al. (1998). Prospects of the clinical utilization of melatonin. *Biol Signals Recept*, 7(4), 195-219. doi: bsi07195 [pii]
- Cady, R. K., Schreiber, C. P., Beach, M. E., & Hart, C. C. (2005). Gelstat Migraine (sublingually administered feverfew and ginger compound) for acute treatment of migraine when administered during the mild pain phase. *Med Sci Monit*, 11(9), PI65-69. doi: 7013 [pii]
- Cete, Y., Dora, B., Ertan, C., Ozdemir, C., & Oktay, C. (2005). A randomized prospective placebo-controlled study of intravenous magnesium sulphate vs. metoclopramide in the management of acute migraine attacks in the Emergency Department. *Cephalalgia*, 25(3), 199-204. doi: CHA840 [pii]10.1111/j.1468-2982.2004.00840.x
- Ciancarelli, I., Di Massimo, C., Tozzi-Ciancarelli, M. G., De Matteis, G., Marini, C., & Carolei, A. (2002). Helicobacter pylori infection and migraine. *Cephalalgia*, 22(3), 222-225. doi: 354 [pii]
- Claustrat, B., Brun, J., Chiquet, C., Chazot, G., & Borson-Chazot, F. (2004). Melatonin secretion is supersensitive to light in migraine. *Cephalalgia*, 24(2), 128-133. doi: 645 [pii]
- Claustrat, B., Loisy, C., Brun, J., Beorchia, S., Arnaud, J. L., & Chazot, G. (1989). Nocturnal plasma melatonin levels in migraine: a preliminary report. *Headache*, 29(4), 242-245.
- Corbo, J., et al. "Randomized Clinical Trial of Intravenous Magnesium Sulfate as an Adjunctive Medication for Emergency Department Treatment of Migraine Headache." *Ann Emerg Med* 38 (6) (December 2001): 621-27.
- Danesch, U., & Rittinghausen, R. (2003). Safety of a patented special butterbur root extract for migraine prevention. *Headache*, 43(1), 76-78. doi: hed03015 [pii]
- Demirkaya, S., Vural, O., Dora, B., & Topcuoglu, M. A. (2001). Efficacy of intravenous magnesium sulfate in the treatment of acute migraine attacks. *Headache*, 41(2), 171-177. doi: hed01029 [pii]
- Diener, H. C., Pfaffenrath, V., Schnitker, J., Friede, M., & Henneicke-von Zepelin, H. H. (2005). Efficacy and safety of 6.25 mg t.i.d. feverfew CO₂-extract (MIG-99) in migraine prevention--a randomized, double-blind, multicentre, placebo-controlled study. *Cephalalgia*, 25(11), 1031-1041. doi: CHA950 [pii]10.1111/j.1468-2982.2005.00950.x
- Diener, H. C., Rahlfs, V. W., & Danesch, U. (2004). The first placebo-controlled trial of a special butterbur root extract for the prevention of migraine: reanalysis of efficacy criteria. *Eur Neurol*, 51(2), 89-97. doi: 10.1159/000076535 ENE2004051002089 [pii]
- Diener, H.C., V.W. Rahlfs, and U. Danesch. "The First Placebo-Controlled Trial of a Special Butterbur Root Extract for the Prevention of Migraine: Reanalysis of Efficacy Criteria." *Eur Neurol* 51 (2) (January 2004): 89-97.
- Egger, J., Carter, C. M., Wilson, J., Turner, M. W., & Soothill, J. F. (1983). Is migraine food allergy? A double-blind controlled trial of oligoantigenic diet treatment. *Lancet*, 2(8355), 865-869.
- Elisa/Act Patient Handbook. Reston, Va.: Serammune Laboratories, 2000.
- Facchinetti, F., Sances, G., Borella, P., Genazzani, A. R., & Nappi, G. (1991). Magnesium prophylaxis of menstrual migraine: effects on intracellular magnesium. *Headache*, 31(5), 298-301.

- Gabrielli, M., Fiore, G., Candelli, M., Giacobazzo, M., Pola, P., Gasbarrini, G., et al. (2002). Re: "Chronic Helicobacter pylori infection and migraine: a case-control study" (Pinessi L, Savi L, Pellicano R, et al. *Headache*, 2000;40:836-839). *Headache*, 42(3), 236-237; author reply 235-236.
- Gallai, V., Sarchielli, P., Morucci, P., & Abbritti, G. (1993). Red blood cell magnesium levels in migraine patients. *Cephalalgia*, 13(2), 94-81; discussion 73.
- Gasbarrini, A., De Luca, A., Fiore, G., Gambrielli, M., Franceschi, F., Ojetti, V., et al. (1998). Beneficial effects of Helicobacter pylori eradication on migraine. *Hepatogastroenterology*, 45(21), 765-770.
- Gasbarrini, A., Gabrielli, M., Fiore, G., Candelli, M., Bartolozzi, F., De Luca, A., et al. (2000). Association between Helicobacter pylori cytotoxic type I CagA-positive strains and migraine with aura. *Cephalalgia*, 20(6), 561-565.
- Goldenberg, D.L. "Fibromyalgia, Chronic Fatigue Syndrome, and Myofascial Pain Syndrome." *Curr Opin Rheumatol* 6, no. 2 (March 1994): 223-33.
- Grant, E. C. (1979). Food allergies and migraine. *Lancet*, 1(8123), 966-969.
- Guariso, G., Bertoli, S., Cernetti, R., Battistella, P. A., Setari, M., & Zacchello, F. (1993). [Migraine and food intolerance: a controlled study in pediatric patients]. *Pediatr Med Chir*, 15(1), 57-61.
- Gupta, V. K. (2004). Magnesium therapy for migraine: do we need more trials or more reflection? *Headache*, 44(5), 445-446. doi: 10.1111/j.1526-4610.2004.04098_2.x HED04098_2 [pii]
- Harel, Z., et al. "Supplementation with Omega-3 Polyunsaturated Fatty Acids in the Management of Recurrent Migraines in Adolescents." *J Adolesc Health* 31 (2) (August 2002): 154-61.
- Harel, Z., Gascon, G., Riggs, S., Vaz, R., Brown, W., & Exil, G. (2002). Supplementation with omega-3 polyunsaturated fatty acids in the management of recurrent migraines in adolescents. *J Adolesc Health*, 31(2), 154-161.
- Henneicke-von Zepelin, H. H. (2006). Feverfew for migraine prophylaxis. *Headache*, 46(3), 531. doi: HED391_5 [pii]10.1111/j.1526-4610.2006.00391_5.x
- Hershey, A. D., Powers, S. W., Vockell, A. L., Lecates, S. L., Ellinor, P. L., Segers, A., et al. (2007). Coenzyme Q10 deficiency and response to supplementation in pediatric and adolescent migraine. *Headache*, 47(1), 73-80. doi: HED652 [pii]10.1111/j.1526-4610.2007.00652.x
- Hesse, J., et al. "Acupuncture Compared with Metoprolol for Migraine Gave Mixed Results." *Ann Intern Med* 235 (May 1994): 451-56.
- Hesse, J., et al. "Acupuncture Versus Metoprolol in Migraine Prophylaxis: A Randomized Trial of Trigger Point Inactivation." *J Intern Med* 235 (1994): 451-56.
- Heuser, G., et al. "Candida albicans and Migraine Headaches: A Possible Link." *J Adv Med* 5, no. 3 (Fall 1992): 177-87.
- Johnson, E. S., Kadam, N. P., Anderson, D., Jenkinson, P. C., Dewdney, R. S., & Blowers, S. D. (1987). Investigation of possible genotoxic effects of feverfew in migraine patients. *Hum Toxicol*, 6(6), 533-534.

- Johnson, E. S., Kadam, N. P., Hylands, D. M., & Hylands, P. J. (1985). Efficacy of feverfew as prophylactic treatment of migraine. *Br Med J (Clin Res Ed)*, 291(6495), 569-573.
- Johnson, E.S., et al. "Efficacy of Feverfew as Prophylactic Treatment of Migraine." *BMJ* 2291, no. 6495 (August 31, 1985): 569–73.
- Johnson, S. "The Multifaceted and Widespread Pathology of Magnesium Deficiency." *Med Hypotheses* 56 (2) (February 2001): 163–70.
- Jones, M. "Migraine Headaches and Food." *NOHA News* 14, no. 2 (Spring 1989).
- Kalin, P. (2003). [The common butterbur (*Petasites hybridus*)--portrait of a medicinal herb]. *Forsch Komplementarmed Klass Naturheilkd*, 10 Suppl 1, 41-44.
- Kalin, P. "The Common Butterbur (*Petasites hybridus*)—Portrait of a Medicinal Herb." *Forsch Komplementarmed Klass Naturheilkd* 10 (Suppl 1) (April 2003): 41–44.
- Koseoglu, E., Talaslioglu, A., Gonul, A. S., & Kula, M. (2008). The effects of magnesium prophylaxis in migraine without aura. *Magnes Res*, 21(2), 101-108.
- Li, W., Zheng, T., Altura, B. M., & Altura, B. T. (2001). Sex steroid hormones exert biphasic effects on cytosolic magnesium ions in cerebral vascular smooth muscle cells: possible relationships to migraine frequency in premenstrual syndromes and stroke incidence. *Brain Res Bull*, 54(1), 83-89. doi: S0361-9230(00)00428-7 [pii]
- Lipton, R. B., Gobel, H., Einhaupl, K. M., Wilks, K., & Mauskop, A. (2004). *Petasites hybridus* root (butterbur) is an effective preventive treatment for migraine. *Neurology*, 63(12), 2240-2244. doi: 63/12/2240 [pii]
- Maizels, M., Blumenfeld, A., & Burchette, R. (2004). A combination of riboflavin, magnesium, and feverfew for migraine prophylaxis: a randomized trial. *Headache*, 44(9), 885-890. doi: 10.1111/j.1526-4610.2004.04170.x HED04170 [pii]
- Martelletti, P. "T Cells Expressing IL-2 Receptor in Migraine." *Acta Neurol* 13, no. 5 (October 1991): 448–56.
- Mauskop, A., Altura, B. T., & Altura, B. M. (2002). Serum ionized magnesium levels and serum ionized calcium/ionized magnesium ratios in women with menstrual migraine. *Headache*, 42(4), 242-248. doi: hed02075 [pii]
- Mauskop, A., Altura, B. T., Cracco, R. Q., & Altura, B. M. (1995). Intravenous magnesium sulphate relieves migraine attacks in patients with low serum ionized magnesium levels: a pilot study. *Clin Sci (Lond)*, 89(6), 633-636.
- Mavromichalis, I. (2003). The role of *Helicobacter pylori* infection in migraine. *Cephalalgia*, 23(3), 240; author reply 240-241. doi: 499_1 [pii]
- Miano, S., Parisi, P., Pelliccia, A., Luchetti, A., Paolino, M. C., & Villa, M. P. (2008). Melatonin to prevent migraine or tension-type headache in children. *Neurol Sci*, 29(4), 285-287. doi: 10.1007/s10072-008-0983-5
- Millichap, J. G., & Yee, M. M. (2003). The diet factor in pediatric and adolescent migraine. *Pediatr Neurol*, 28(1), 9-15.

- Murialdo, G., Fonzi, S., Costelli, P., Solinas, G. P., Parodi, C., Marabini, S., et al. (1994). Urinary melatonin excretion throughout the ovarian cycle in menstrually related migraine. *Cephalalgia*, *14*(3), 205-209.
- National Institute of Neurological Disorders and Stroke, www.ninds.nih.gov/health_and_medical/pubs/migraineupdate.htm
- Patel, R. M., Sarma, R., & Grimsley, E. (2006). Popular sweetener sucralose as a migraine trigger. *Headache*, *46*(8), 1303-1304. doi: HED543_1 [pii]10.1111/j.1526-4610.2006.00543_1.x
- Peres, M. F., Masruha, M. R., Zukerman, E., Moreira-Filho, C. A., & Cavalheiro, E. A. (2006). Potential therapeutic use of melatonin in migraine and other headache disorders. *Expert Opin Investig Drugs*, *15*(4), 367-375. doi: 10.1517/13543784.15.4.367
- Peres, M. F., Zukerman, E., da Cunha Tanuri, F., Moreira, F. R., & Cipolla-Neto, J. (2004). Melatonin, 3 mg, is effective for migraine prevention. *Neurology*, *63*(4), 757. doi: 63/4/757 [pii]
- Pfaffenrath, V., Diener, H. C., Fischer, M., Friede, M., & Henneicke-von Zepelin, H. H. (2002). The efficacy and safety of Tanacetum parthenium (feverfew) in migraine prophylaxis--a double-blind, multicentre, randomized placebo-controlled dose-response study. *Cephalalgia*, *22*(7), 523-532. doi: 396 [pii]
- Pfaffenrath, V., et al. "The Efficacy and Safety of Tanacetum Parthenium (Feverfew) in Migraine Prophylaxis—A Double-Blind, Multicentre, Randomized, Placebo-Controlled Dose-Response Study." *Cephalalgia* 22 (7) (September 2002): 523–32.
- Pfaffenrath, V., Wessely, P., Meyer, C., Isler, H. R., Evers, S., Grottemeyer, K. H., et al. (1996). Magnesium in the prophylaxis of migraine--a double-blind placebo-controlled study. *Cephalalgia*, *16*(6), 436-440.
- Pittler, M. H., & Ernst, E. (2004). Feverfew for preventing migraine. *Cochrane Database Syst Rev*(1), CD002286. doi: 10.1002/14651858.CD002286.pub2
- Pittler, M. H., Vogler, B. K., & Ernst, E. (2000). Feverfew for preventing migraine. *Cochrane Database Syst Rev*(3), CD002286. doi: CD002286 [pii]10.1002/14651858.CD002286
- Pittler, M., and E. Ernst. "Feverfew for Preventing Migraine." *Cochrane Database Syst Rev*. 1 (2004): - CD002286.
- Pothmann, R., & Danesch, U. (2005). Migraine prevention in children and adolescents: results of an open study with a special butterbur root extract. *Headache*, *45*(3), 196-203. doi: HED05044 [pii]10.1111/j.1526-4610.2005.05044.x
- Prusinski, A., Durko, A., & Niczyporuk-Turek, A. (1999). [Feverfew as a prophylactic treatment of migraine]. *Neurol Neurochir Pol*, *33 Suppl 5*, 89-95.
- Rios, J., & Passe, M. M. (2004). Evidenced-based use of botanicals, minerals, and vitamins in the prophylactic treatment of migraines. *J Am Acad Nurse Pract*, *16*(6), 251-256.
- Robbins, L. "Precipitating Factors in Migraine: A Retrospective Review of 494 Patients." *Headache* 34, no. 4 (April 1994): 214–16.

- Rozen, T. D., Oshinsky, M. L., Gebeline, C. A., Bradley, K. C., Young, W. B., Shechter, A. L., et al. (2002). Open label trial of coenzyme Q10 as a migraine preventive. *Cephalalgia*, 22(2), 137-141. doi: 335 [pii]
- Russell, G., Abu-Arafeh, I., & Symon, D. N. (2002). Abdominal migraine: evidence for existence and treatment options. *Paediatr Drugs*, 4(1), 1-8.
- Sandor, P. S., Di Clemente, L., Coppola, G., Saenger, U., Fumal, A., Magis, D., et al. (2005). Efficacy of coenzyme Q10 in migraine prophylaxis: a randomized controlled trial. *Neurology*, 64(4), 713-715. doi: 64/4/713 [pii]10.1212/01.WNL.0000151975.03598.ED
- Schoenen, J., et al. "Effectiveness of High-Dose Riboflavin in Migraine Prophylaxis: A Randomized Controlled Trial." *Neurology* 50 (1998): 466–70.
- Schoenen, J., et al. "High-Dose Riboflavin as a Prophylactic Treatment of Migraine: Results of an Open Pilot Study." *Cephalalgia* 14 (1994): 328–29.
- Schoenen, J., Sianard-Gainko, J., & Lenaerts, M. (1991). Blood magnesium levels in migraine. *Cephalalgia*, 11(2), 97-99.
- Serratrice, J., Disdier, P., de Roux, C., Christides, C., & Weiller, P. J. (1998). Migraine and coeliac disease. *Headache*, 38(8), 627-628.
- Shealy, N. (1994). Magnesium and migraine. *Headache*, 34(7), 445.
- Shimomura, T., et al. "Platelet Superoxide Dismutase in Migraine and Tension Type Headaches." *Cephalalgia* 14 (1994): 215–18.
- Silberstein, S.D., and R.B. Lipton. "Epidemiology of Migraine." *Neuroepidemiol* 12, no. 3 (1993): 179–84.
- Smith, R. "Chronic Headaches in Family Practice." *J Am Board Fam Pract* 5, no. 6 (November–December 1992): 589–99.
- Soriani, S., et al. "Serum and Red Blood Cell Magnesium Levels in Juvenile Migraine Patients." *Headache* 35, no. 1 (January 1995): 14–16.
- Steven Sinclair, N. S., LAc. (1999). Migraine Headaches: Nutritional, Botanical and Other Alternative Approaches. *Alternative Medicine Review*, 4(2), 86-95.
- Stewart, W.F., A. Schechter, and B.K. Rasmussen. "Migraine Prevalence. A Review of Population-Based Studies." *Neurology* 44, no. 6 (Suppl 4) (June 1994): S17–S23.
- Sun-Edelstein, C., & Mauskop, A. (2009). Role of magnesium in the pathogenesis and treatment of migraine. *Expert Rev Neurother*, 9(3), 369-379. doi: 10.1586/14737175.9.3.369
- Taubert, K. "Magnesium in Migraine. Results of a Multicenter Pilot Study." *Portschreit Medizin* 112, no. 24 (August 30, 1994): 228–30.
- Thomas, J., et al. "Migraine Treatment by Oral Magnesium Intake and Correction of the Irritation of Buccofacial and Cervical Muscles as a Side Effect of Mandibular Imbalance." *Magnes Res* 7, no. 2 (June 1994): 123–27.

- Thomas, J., Tomb, E., Thomas, E., & Faure, G. (1994). Migraine treatment by oral magnesium intake and correction of the irritation of buccofacial and cervical muscles as a side effect of mandibular imbalance. *Magnes Res*, 7(2), 123-127.
- Tietjen, G. E., Brandes, J. L., Peterlin, B. L., Eloff, A., Dafer, R. M., Stein, M. R., et al. (2010). Childhood maltreatment and migraine (part III). Association with comorbid pain conditions. *Headache*, 50(1), 42-51. doi: HED1558 [pii]10.1111/j.1526-4610.2009.01558.x
- Toglia, J. U. (1986). Is migraine due to a deficiency of pineal melatonin? *Ital J Neurol Sci*, 7(3), 319-323.
- Toglia, J. U. (2001). Melatonin: a significant contributor to the pathogenesis of migraine. *Med Hypotheses*, 57(4), 432-434. doi: 10.1054/mehy.2001.1337 S0306-9877(01)91337-4 [pii]
- Trauninger, A., Pfund, Z., Koszegi, T., & Czopf, J. (2002). Oral magnesium load test in patients with migraine. *Headache*, 42(2), 114-119. doi: hed02026 [pii]
- Tunca, A., Ardicoglu, Y., Kargili, A., & Adam, B. (2007). Migraine, *Helicobacter pylori*, and oxidative stress. *Helicobacter*, 12(1), 59-62. doi: HEL470 [pii]10.1111/j.1523-5378.2007.00470.x
- Tunca, A., Turkay, C., Tekin, O., Kargili, A., & Erbayrak, M. (2004). Is *Helicobacter pylori* infection a risk factor for migraine? A case-control study. *Acta Neurol Belg*, 104(4), 161-164.
- Van der Kuy, P.H., et al, "Hydroxocobalamin, a Nitric Oxide Scavenger, in the Prophylaxis of Migraine: An Open, Pilot Study," *Cephalalgia* 22 (2002): 513–19.
- Vogler, B. K., Pittler, M. H., & Ernst, E. (1998). Feverfew as a preventive treatment for migraine: a systematic review. *Cephalalgia*, 18(10), 704-708.
- Vogler, B., Rapoport, A. M., Tepper, S. J., Sheftell, F., & Bigal, M. E. (2006). Role of melatonin in the pathophysiology of migraine: implications for treatment. *CNS Drugs*, 20(5), 343-350. doi: 2051 [pii]
- Wager, W., and U. Nootbaar-Wagner. "Prophylactic Treatment of Migraine with Gamma-Linolenic and Alpha-Linolenic Acids." *Cephalalgia* 17 (1997): 127–30.
- Waller, P. C., & Ramsay, L. E. (1985). Efficacy of feverfew as prophylactic treatment of migraine. *Br Med J (Clin Res Ed)*, 291(6502), 1128.
- Wang, F., Van Den Eeden, S. K., Ackerson, L. M., Salk, S. E., Reince, R. H., & Elin, R. J. (2003). Oral magnesium oxide prophylaxis of frequent migrainous headache in children: a randomized, double-blind, placebo-controlled trial. *Headache*, 43(6), 601-610.
- Weaver, K. (1990). Magnesium and migraine. *Headache*, 30(3), 168.
- Welch, K. M., & Ramadan, N. M. (1995). Mitochondria, magnesium and migraine. *J Neurol Sci*, 134(1-2), 9-14.
- Yiannopoulou, K. G., Efthymiou, A., Karydakis, K., Arhimandritis, A., Bovaretos, N., & Tzivras, M. (2007). *Helicobacter pylori* infection as an environmental risk factor for migraine without aura. *J Headache Pain*, 8(6), 329-333. doi: 10.1007/s10194-007-0422-7

Chapter 35: Obesity, Metabolic Syndrome and the GI Connection

- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.
- Bellocchio, L., Cervino, C., Pasquali, R., & Pagotto, U. (2008). The endocannabinoid system and energy metabolism. *J Neuroendocrinol*, 20(6), 850-857. doi: JNE1728 [pii] 10.1111/j.1365-2826.2008.01728.x
- Bellocchio, L., Mancini, G., Vicennati, V., Pasquali, R., & Pagotto, U. (2006). Cannabinoid receptors as therapeutic targets for obesity and metabolic diseases. *Curr Opin Pharmacol*, 6(6), 586-591. doi: S1471-4892(06)00165-2 [pii] 10.1016/j.coph.2006.09.001
- Bellocchio, L., Vicennati, V., Cervino, C., Pasquali, R., & Pagotto, U. (2007). The endocannabinoid system in the regulation of cardiometabolic risk factors. *Am J Cardiol*, 100(12A), 7P-17P. doi: S0002-9149(07)02068-1 [pii] 10.1016/j.amjcard.2007.10.009
- Bjarnason, I. (1994). Intestinal permeability. *Gut*, 35(1 Suppl), S18-22.
- Cani, P. D., Amar, J., Iglesias, M. A., Poggi, M., Knauf, C., Bastelica, D., et al. (2007). Metabolic endotoxemia initiates obesity and insulin resistance. *Diabetes*, 56(7), 1761-1772. doi: db06-1491 [pii]10.2337/db06-1491
- Cani, P. D., Bibiloni, R., Knauf, C., Waget, A., Neyrinck, A. M., Delzenne, N. M., et al. (2008). Changes in gut microbiota control metabolic endotoxemia-induced inflammation in high-fat diet-induced obesity and diabetes in mice. *Diabetes*, 57(6), 1470-1481. doi: db07-1403 [pii]10.2337/db07-1403
- Cani, P. D., & Delzenne, N. M. (2009). Interplay between obesity and associated metabolic disorders: new insights into the gut microbiota. *Curr Opin Pharmacol*, 9(6), 737-743. doi: S1471-4892(09)00092-7 [pii]10.1016/j.coph.2009.06.016
- Cani, P. D., & Delzenne, N. M. (2010). Involvement of the gut microbiota in the development of low grade inflammation associated with obesity: focus on this neglected partner. *Acta Gastroenterol Belg*, 73(2), 267-269.
- Cani, P. D., Delzenne, N. M., Amar, J., & Burcelin, R. (2008). Role of gut microflora in the development of obesity and insulin resistance following high-fat diet feeding. *Pathol Biol (Paris)*, 56(5), 305-309. doi: S0369-8114(07)00221-0 [pii]10.1016/j.patbio.2007.09.008
- Creations, G. (Producer). (2010, 9-1-10). Human Endocannabinoid System. Retrieved from <http://www.genovation-creations.com/2010/06/25/human-endocannabinoid-system/>
- de La Serre, C. B., Ellis, C. L., Lee, J., Hartman, A. L., Rutledge, J. C., & Raybould, H. E. (2010). Propensity to high-fat diet-induced obesity in rats is associated with changes in the gut microbiota and gut inflammation. *Am J Physiol Gastrointest Liver Physiol*, 299(2), G440-448. doi: ajpgi.00098.2010 [pii]10.1152/ajpgi.00098.2010
- Duncan, S. H., Loble, G. E., Holtrop, G., Ince, J., Johnstone, A. M., Louis, P., et al. (2008). Human colonic microbiota associated with diet, obesity and weight loss. *Int J Obes (Lond)*, 32(11), 1720-1724. doi: ijo2008155 [pii]10.1038/ijo.2008.155
- Fabian, E., & Elmadfa, I. (2006). Influence of daily consumption of probiotic and conventional yoghurt on the plasma lipid profile in young healthy women. *Ann Nutr Metab*, 50(4), 387-393. doi: ANM2006050004387 [pii]10.1159/000094304

- Haas, E. M., & Stauth, C. (2000). *The false fat diet : the revolutionary 21-day program for losing the weight you think is fat* (1st ed.). New York: Ballantine Books.
- Hyman, M. (2008). *UltraMetabolism : the simple plan for automatic weight loss*. Emmaus, Pa.: Rodale.
- Isolauri, E., Kalliomaki, M., Rautava, S., Salminen, S., & Laitinen, K. (2009). Obesity - extending the hygiene hypothesis. *Nestle Nutr Workshop Ser Pediatr Program*, *64*, 75-85; discussion 85-79, 251-257. doi: 000235784 [pii]10.1159/000235784
- Kalliomaki, M., Collado, M. C., Salminen, S., & Isolauri, E. (2008). Early differences in fecal microbiota composition in children may predict overweight. *Am J Clin Nutr*, *87*(3), 534-538. doi: 87/3/534 [pii]
- Ley, R. E., Backhed, F., Turnbaugh, P., Lozupone, C. A., Knight, R. D., & Gordon, J. I. (2005). Obesity alters gut microbial ecology. *Proc Natl Acad Sci U S A*, *102*(31), 11070-11075. doi: 0504978102 [pii]10.1073/pnas.0504978102
- Ley, R. E., Turnbaugh, P. J., Klein, S., & Gordon, J. I. (2006). Microbial ecology: human gut microbes associated with obesity. *Nature*, *444*(7122), 1022-1023. doi: 4441022a [pii]10.1038/4441022a
- Ooi, L. G., & Liong, M. T. (2010). Cholesterol-lowering effects of probiotics and prebiotics: a review of in vivo and in vitro findings. *Int J Mol Sci*, *11*(6), 2499-2522. doi: 10.3390/ijms11062499
- Pagotto, U., Cervino, C., Vicennati, V., Marsicano, G., Lutz, B., & Pasquali, R. (2006). How many sites of action for endocannabinoids to control energy metabolism? *Int J Obes (Lond)*, *30 Suppl 1*, S39-43. doi: 0803277 [pii]10.1038/sj.ijo.0803277
- Pagotto, U., Marsicano, G., Cota, D., Lutz, B., & Pasquali, R. (2006). The emerging role of the endocannabinoid system in endocrine regulation and energy balance. *Endocr Rev*, *27*(1), 73-100. doi: er.2005-0009 [pii]10.1210/er.2005-0009
- Pagotto, U., & Pasquali, R. (2006). Endocannabinoids and energy metabolism. *J Endocrinol Invest*, *29*(3 Suppl), 66-76.
- Pagotto, U., Vicennati, V., & Pasquali, R. (2005). The endocannabinoid system and the treatment of obesity. *Ann Med*, *37*(4), 270-275. doi: MQ5760402V13R055 [pii]10.1080/07853890510037419
- Sadrzadeh-Yeganeh, H., Elmadfa, I., Djazayery, A., Jalali, M., Heshmat, R., & Chamary, M. (2010). The effects of probiotic and conventional yoghurt on lipid profile in women. *Br J Nutr*, *103*(12), 1778-1783. doi: S0007114509993801 [pii]10.1017/S0007114509993801
- Sanchez, J. C., Cabrera-Rode, E., Sorell, L., Galvan, J. A., Hernandez, A., Molina, G., et al. (2007). Celiac disease associated antibodies in persons with latent autoimmune diabetes of adult and type 2 diabetes. *Autoimmunity*, *40*(2), 103-107. doi: 773217245 [pii]10.1080/08916930601118825
- Secondulfo, M., de Magistris, L., Sapone, A., Di Monda, G., Esposito, P., & Carratu, R. (1999). Intestinal permeability and diabetes mellitus type 2. *Minerva Gastroenterol Dietol*, *45*(3), 187-192.
- Turnbaugh, P. J., Ley, R. E., Mahowald, M. A., Magrini, V., Mardis, E. R., & Gordon, J. I. (2006). An obesity-associated gut microbiome with increased capacity for energy harvest. *Nature*, *444*(7122), 1027-1031. doi: nature05414 [pii]10.1038/nature05414

Chapter 36: Osteoporosis – The GI Connection

- Bonamico, M., Mariani, P., Danesi, H. M., Crisogianni, M., Failla, P., Gemme, G., . . . Romano, C. (2001). Prevalence and clinical picture of celiac disease in Italian Down syndrome patients: a multicenter study. *J Pediatr Gastroenterol Nutr*, 33(2), 139-143.
- Dawson-Hughes, B., et al. "Rates of Bone Loss in Postmenopausal Women Randomly Assigned to One of Two Dosages of the Vitamin D." *Am J Clin Nutr* 6 (1) (1995): 1140-45.
- Duerksen, D. R., & Leslie, W. D. (2010). Positive celiac disease serology and reduced bone mineral density in adult women. *Can J Gastroenterol*, 24(2), 103-107.
- Green, P. H. (2005). The many faces of celiac disease: clinical presentation of celiac disease in the adult population. *Gastroenterology*, 128(4 Suppl 1), S74-78. doi: S001650850500185X [pii]
- Holick, M.F. "Vitamin D: Importance in the Prevention of Cancers, Type 1 Diabetes, Heart Disease, and Osteoporosis." *Am J Clin Nutr* 79 (3) (March 2004): 362-71.
- Laroche, M., Lassoued, S., Billey, T., Bernard, J., & Mazi, B. (2007). Male osteoporosis with vertebral fractures? Look for ankylosing spondylitis! A report of 10 cases. *J Rheumatol*, 34(11), 2271-2272. doi: 07/13/104 [pii]
- Long, F. (2008). When the gut talks to bone. *Cell*, 135(5), 795-796. doi: S0092-8674(08)01393-7 [pii]10.1016/j.cell.2008.11.007
- Long, F. (2008). When the gut talks to bone. *Cell*, 135(5), 795-796. doi: S0092-8674(08)01393-7 [pii]10.1016/j.cell.2008.11.007
- Looker, A.C., et al. "Prevalence of Low Femoral Bone Density in Older U.S. Adults from NHANES III." *J Bone Miner Res* 12 (11) (November 1997): 1761-68.
- Melton, L.J., III. "The Prevalence of Osteoporosis: Gender and Racial Comparison." *Calcif Tissue Int* 69 (4) (October 2001): 179-81.
- Murray, J. A. (2005). Celiac disease in patients with an affected member, type 1 diabetes, iron-deficiency, or osteoporosis? *Gastroenterology*, 128(4 Suppl 1), S52-56. doi: S0016508505001988 [pii]
- Von Tirpitz, C., et al. "Osteoporosis in Inflammatory Bowel Disease—Results of a Survey Among Members of the German Crohn's and Ulcerative Colitis Association." *Z Gastroenterol* 41 (12) (December 2003): 1145-50.
- Wehren, L.E., et al. "Gender Differences in Mortality After Hip Fracture: The Role of Infection." *J Bone Miner Res* 18 (12) (December 2003): 2231-37.

Chapter 37: Psoriasis

- Abenavoli, L., Leggio, L., Gasbarrini, G., & Addolorato, G. (2007). Celiac disease and skin: psoriasis association. *World J Gastroenterol*, 13(14), 2138-2139.

- Addolorato, G., Parente, A., de Lorenzi, G., D'Angelo Di Paola, M. E., Abenavoli, L., Leggio, L., et al. (2003). Rapid regression of psoriasis in a coeliac patient after gluten-free diet. A case report and review of the literature. *Digestion*, 68(1), 9-12. doi: 10.1159/000073220 DIG2003068001009 [pii]
- Alteras, I. "The Incidence of Skin Manifestations by Dermatophytes in Patients with Psoriasis." *Mycopathologia* 95, no. 1 (July 1986): 37–39.
- Calderon, H. P., Valdes, A. P., Zemelman, D. V., Poniachik, T. J., Hurtado, H. C., Garmendia, M. M., et al. (2007). [Frequency of celiac disease among patients with psoriasis]. *Rev Med Chil*, 135(10), 1296-1303. doi: S0034-98872007001000010 [pii]/S0034-98872007001000010
- Corrocher, R., et al. "Effect of Fish Oil Supplementation on Erythrocyte Lipid Pattern, Malondialdehyde Production and Glutathione-Peroxidase Activity in Psoriasis." *Clin Chim Acta* 179, no. 2 (February 15, 1989): 121–31.
- Dochao, A., et al. "Therapeutic Effects of Vitamin D and Vitamin A in Psoriasis: A 20-Year Experiment." *Actas Dermosifiliogr* 66, nos. 3, 4 (1975): 121–30.
- Ellis, C. "Hot Pepper Cure: Capsaicin Relieves Psoriatic Itch." *Mod Med* 61 (1993): 31.
- Fairris, G.M., et al. "The Effect of Supplementation with Selenium and Vitamin E in Psoriasis." *Ann Clin Biochem* 26, Part 1 (January 1989): 83–88.
- Gaby, A. (2003). High-dose folic acid for psoriasis. *Townsend Newsletter for Doctors*, May. Retrieved from BNET: CBS interactive business network website
- Gao, Z., Tseng, C. H., Strober, B. E., Pei, Z., & Blaser, M. J. (2008). Substantial alterations of the cutaneous bacterial biota in psoriatic lesions. *PLoS One*, 3(7), e2719. doi: 10.1371/journal.pone.0002719
- Gaston, L., et al. "Psychological Stress and Psoriasis: Experimental and Prospective Correlation Studies." *Acta Derm Venereol (Suppl 156)* (1994): 37–43.
- Grimminger, F., et al. "A Double-Blind Randomized, Placebo-Controlled Trial of N-3 Fatty Acid Based Lipid Infusion in Acute, Extended Guttate Psoriasis: Rapid Improvement of Clinical Manifestations and Changes in Neutrophil Leukotriene Profile." *Clin Investig* 71 (1993): 634–43.
- Harvima, R.J., et al. "Screening of Effects of Selenomethionine-Enriched Yeast Supplementation on Various Immunological and Chemical Parameters of Skin and Blood in Psoriatic Patients." *Acta Derm Venereol* 73, no. 2 (April 1993): 88–91.
- Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source
- Humbert, P., Bidet, A., Treffel, P., Drobacheff, C., & Agache, P. (1991). Intestinal permeability in patients with psoriasis. *J Dermatol Sci*, 2(4), 324-326.
- Javitz, H.S., et al. "The Direct Cost of Care for Psoriasis and Psoriatic Arthritis in the United States." *J Am Acad Dermatol* 46 (6) (June 2002): 850–60.

- Kharaeva, Z., Gostova, E., De Luca, C., Raskovic, D., & Korkina, L. (2009). Clinical and biochemical effects of coenzyme Q(10), vitamin E, and selenium supplementation to psoriasis patients. *Nutrition*, 25(3), 295-302. doi: S0899-9007(08)00420-6 [pii]10.1016/j.nut.2008.08.015
- Kurkcuoglu, N., and F. Alaybeyi. "Topical Capsaicin for Psoriasis." *Br J Dermatol* 123, no. 4 (October 1990): 549–50.
- Leung, R.S., et al. "Neutrophil Zinc Levels in Psoriasis and Seborrheic Dermatitis." *Br J Dermatol* 123, no. 3 (September 1990): 319–23.
- Li, W. F., & Wang, P. (2008). [Clinical analysis of 47 patients with psoriasis arthropathy treated by traditional Chinese medicine syndrome differentiation and integrative medicine]. *Zhongguo Zhong Xi Yi Jie He Za Zhi*, 28(10), 928-931.
- McCarty, M.F. "Glucosamine for Psoriasis?" *Med Hypotheses* 48 (1997): 437–41.
- McMillan, E.M., et al. "Diurnal Stage of Circadian Rhythm of Plasma Zinc in Healthy and Psoriatic Volunteers." *Prog Clin Biolog Res* 227B (1987): 295–303.
- Menzel, I., and H. Holzmann. "Reflections on Seborrheic Scalp Eczema and Psoriasis Capillitii in Relation to Intestinal Mycoses." *Z Hautkr* 61, no. 7 (April 1986): 451–54.
- Michaelsson, G., Ahs, S., Hammarstrom, I., Lundin, I. P., & Hagforsen, E. (2003). Gluten-free diet in psoriasis patients with antibodies to gliadin results in decreased expression of tissue transglutaminase and fewer Ki67+ cells in the dermis. *Acta Derm Venereol*, 83(6), 425-429. doi: 10.1080/00015550310015022 YB7LCQCLVAWGBTBK [pii]
- Michaelsson, G., and L.K. Ljunghall. "Patients with Dermatitis Herpetiformis, Acne, Psoriasis, and Darier's Disease Have Low Epidermal Zinc Concentrations." *Acta Derm Venereol* 70, no. 4 (1990): 304–8.
- Michaelsson, G., et al. "Selenium in Whole Blood and Plasma Is Decreased in Patients with Moderate and Severe Psoriasis." *Acta Derm Venereol* 69, no. 1 (1989): 29–34.
- Moller, I., Perez, M., Monfort, J., Benito, P., Cuevas, J., Perna, C., et al. (2010). Effectiveness of chondroitin sulphate in patients with concomitant knee osteoarthritis and psoriasis: a randomized, double-blind, placebo-controlled study. *Osteoarthritis Cartilage*, 18 Suppl 1, S32-40. doi: S1063-4584(10)00090-7 [pii]10.1016/j.joca.2010.01.018
- Murray M., B. P. (2006). Psoriasis. In P. J. Murray M. (Ed.), *Textbook of Natural Medicine* (Vol. 2, pp. 2079-2087). St. Louis, MO: Churchill Livingstone/Elsevier.
- Nigam, P. K. (2005). Serum zinc and copper levels and Cu: Zn ratio in psoriasis. *Indian J Dermatol Venereol Leprol*, 71(3), 205-206.
- Ojetti, V., Aguilar Sanchez, J., Guerriero, C., Fossati, B., Capizzi, R., De Simone, C., et al. (2003). High prevalence of celiac disease in psoriasis. *Am J Gastroenterol*, 98(11), 2574-2575. doi: S0002927003017179 [pii]10.1111/j.1572-0241.2003.08684.x
- Petersen Vikki, P. R. (2009). *The Gluten Effect: How "Innocent" Wheat is Ruining Your Health*: True Health Publ.

- Pietrzak, A., Jastrzebska, I., Chodorowska, G., Maciejewski, R., Dybiec, E., Juskiewicz-Borowiec, M., et al. (2009). Psoriasis vulgaris and digestive system disorders: is there a linkage? *Folia Histochem Cytobiol*, 47(3), 517-524. doi: 544150M64W4633V6 [pii]10.2478/v10042-009-0107-y
- Singh, S., Sonkar, G. K., & Usha. (2010). Celiac disease-associated antibodies in patients with psoriasis and correlation with HLA Cw6. *J Clin Lab Anal*, 24(4), 269-272. doi: 10.1002/jcla.20398
- Smetsers, T. F., van de Westerlo, E. M., ten Dam, G. B., Overes, I. M., Schalkwijk, J., van Muijen, G. N., et al. (2004). Human single-chain antibodies reactive with native chondroitin sulfate detect chondroitin sulfate alterations in melanoma and psoriasis. *J Invest Dermatol*, 122(3), 707-716. doi: 10.1111/j.0022-202X.2004.22316.x JID22316 [pii]
- Sukenik, S., et al. "Treatment of Psoriatic Arthritis at the Dead Sea." *J Rheumatol* 21, no. 7 (July 1994): -130-59.
- Syed, T.A., et al. "Management of Psoriasis with Aloe Vera Extract in a Hydrophilic Cream: A Placebo-Controlled, Double-Blind Study." *Trop Med Intern Health* 1, no. 4 (August 1996): 505-9.
- Troughton, P.R., and A.W. Morgan. "Laboratory Findings and Pathology of Psoriatic Arthritis." *Baillieres Clinical Rheumatology* 8, no. 2 (May 1994): 439-63.
- Verges, J., Montell, E., Herrero, M., Perna, C., Cuevas, J., Perez, M., et al. (2004). [Clinical and histopathological improvement of psoriasis in patients with osteoarthritis treated with chondroitin sulfate: report of 3 cases]. *Med Clin (Barc)*, 123(19), 739-742. doi: 13069310 [pii]
- Verges, J., Montell, E., Herrero, M., Perna, C., Cuevas, J., Perez, M., et al. (2005). Clinical and histopathological improvement of psoriasis with oral chondroitin sulfate: a serendipitous finding. *Dermatol Online J*, 11(1), 31.
- Wolters, M. (2005). Diet and psoriasis: experimental data and clinical evidence. *Br J Dermatol*, 153(4), 706-714. doi: BJD6781 [pii]10.1111/j.1365-2133.2005.06781.x
- Wolters, M. (2006). [The significance of diet and associated factors in psoriasis]. *Hautarzt*, 57(11), 999-1004. doi: 10.1007/s00105-006-1164-1

Chapter 38: Rosacea

- Parodi, A., Paolino, S., Greco, A., Drago, F., Mansi, C., Rebora, A., et al. (2008). Small intestinal bacterial overgrowth in rosacea: clinical effectiveness of its eradication. *Clin Gastroenterol Hepatol*, 6(7), 759-764. doi: S1542-3565(08)00155-9 [pii]10.1016/j.cgh.2008.02.054

Chapter 39: Schizophrenia

- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.
- Arvindakshan, M., et al. "Supplementation with a Combination of Omega-3 Fatty Acids and Antioxidants (Vitamins E and C) Improves the Outcome of Schizophrenia." *Schizophr Res* 62 (3) (August 1, 2003): -195-204.

- Bonamico, M., Mariani, P., Danesi, H. M., Crisogianni, M., Failla, P., Gemme, G., . . . Romano, C. (2001). Prevalence and clinical picture of celiac disease in Italian Down syndrome patients: a multicenter study. *J Pediatr Gastroenterol Nutr*, 33(2), 139-143.
- Clarke, M. C., Tanskanen, A., Huttunen, M., Whittaker, J. C., & Cannon, M. (2009). Evidence for an interaction between familial liability and prenatal exposure to infection in the causation of schizophrenia. *Am J Psychiatry*, 166(9), 1025-1030. doi: appi.ajp.2009.08010031 [pii]10.1176/appi.ajp.2009.08010031
- Dohan, F. C. (1981). Schizophrenia, celiac disease, gluten antibodies, and the importance of beta. *Biol Psychiatry*, 16(11), 1115-1117.
- Emsley, R., P. Oosthuizen, and S.J. van Rensburg. "Clinical Potential of Omega-3 Fatty Acids in the Treatment of Schizophrenia." *CNS Drugs* 17 (15) (2003): 1081–91.
- Fasano, A. (2009). Surprises from celiac disease. *Sci Am*, 301(2), 54-61.
- Fasano, A. "Celiac Disease: How to Handle a Clinical Chameleon." *N Engl J Med* 34 (25) (June 19, 2003): - 2568–70.
- Fenton, W.S., J. Hibbeln, and M. Knable. "Essential Fatty Acids, Lipid Membrane Abnormalities, and the Diagnosis and Treatment of Schizophrenia." *Biol Psychiatry* 47 (1) (January 1, 2000): 8–21.
- Gluten in schizophrenia. (1983). *Lancet*, 1(8327), 744-745.
- Godfrey, P.S., et al. "Enhancement of Recovery from Psychiatric Illness by Methylfolate." *Lancet* 336, no. 8712 (August 1990): 392–95.
- Green, P. H. (2005). The many faces of celiac disease: clinical presentation of celiac disease in the adult population. *Gastroenterology*, 128(4 Suppl 1), S74-78. doi: S001650850500185X [pii]
- Jenner, F. A., & Vliissides, D. N. (1987). Gluten sensitivity in schizophrenia. *Br J Psychiatry*, 150, 559.
- Jungerius, B. J., Bakker, S. C., Monsuur, A. J., Sinke, R. J., Kahn, R. S., & Wijmenga, C. (2008). Is MYO9B the missing link between schizophrenia and celiac disease? *Am J Med Genet B Neuropsychiatr Genet*, 147(3), 351-355. doi: 10.1002/ajmg.b.30605
- Kalaydjian, A. E., Eaton, W., Cascella, N., & Fasano, A. (2006). The gluten connection: the association between schizophrenia and celiac disease. *Acta Psychiatr Scand*, 113(2), 82-90. doi: ACP687 [pii] 10.1111/j.1600-0447.2005.00687.x
- Kaminski, S., Cieslinska, A., & Kostyra, E. (2007). Polymorphism of bovine beta-casein and its potential effect on human health. *J Appl Genet*, 48(3), 189-198. doi: 394 [pii]
- Kanofsky, J.D. "Magnesium Deficiency in Chronic Schizophrenia." *Int J Neurosci* 61 (1991): 87–90.
- King, D. S. (1985). Statistical power of the controlled research on wheat gluten and schizophrenia. *Biol Psychiatry*, 20(7), 785-787.

- Kraft, B. D., & Westman, E. C. (2009). Schizophrenia, gluten, and low-carbohydrate, ketogenic diets: a case report and review of the literature. *Nutr Metab (Lond)*, 6, 10. doi: 1743-7075-6-10 [pii]10.1186/1743-7075-6-10
- Messamore, E. "Relationship Between the Niacin Skin Flush Response and Essential Fatty Acids in Schizophrenia." *Prostaglandins Leukot Essent Fatty Acids* 69 (6) (December 2003): 413–19.
- Messamore, E., W.F. Hoffman, and A. Janowsky. "The Niacin Skin Flush Abnormality in Schizophrenia: A Quantitative Dose-Response Study." *Schizophr Res* 62 (3) (August 1, 2003): 251–58.
- Noy, S., et al. "Schizophrenia and Autoimmunity—A Possible Etiological Mechanism?" *Neuropsychobiology* 30 (1994): 157–59.
- Ozdemir, V., Jamal, M. M., Osapay, K., Jadus, M. R., Sandor, Z., Hashemzadeh, M., et al. (2007). Cosegregation of gastrointestinal ulcers and schizophrenia in a large national inpatient discharge database: revisiting the "brain-gut axis" hypothesis in ulcer pathogenesis. *J Investig Med*, 55(6), 315-320.
- Peet, M., et al. "Essential Fatty Acid Deficiency in Erythrocyte Membranes from Chronic Schizophrenic Patients, and the Clinical Effects of Dietary Supplementation." *Prostaglandins Leukot Essent Fatty Acids* 55, nos. 1, 2 (1996): 71–75.
- Petersen Vikki, P. R. (2009). *The Gluten Effect: How "Innocent" Wheat is Ruining Your Health*: True Health Publ.
- Pfeiffer, C. C. (1984). Schizophrenia and wheat gluten enteropathy. *Biol Psychiatry*, 19(3), 279-280.
- Procter, A. "Enhancement of Recovery from Psychiatric Illness by Methylfolate." *Br J Psychiatry* 159 (August 1991): 271–72.
- Prokopova, L. "Celiac Disease—A Severe Disease." *Vnitr Lek* 49 (6) (June 2003): 474–81.
- Puri, B.K., et al. "A Volumetric Biochemical Niacin Flush-Based Index That Noninvasively Detects Fatty Acid Deficiency in Schizophrenia." *Prog Neuropsychopharmacol Biol Psychiatry* 26 (1) (January 2002): 49–52.
- Reddy, R., M. Keshavan, and J.K. Yao. "Reduced Plasma Antioxidants in First-Episode Patients with Schizophrenia." *Schizophr Res* 62 (3) (August 1, 2003): 205–12.
- Reichelt, K. L., & Landmark, J. (1995). Specific IgA antibody increases in schizophrenia. *Biol Psychiatry*, 37(6), 410-413. doi: 0006-3223(94)00176-4 [pii]10.1016/0006-3223(94)00176-4
- Ross-Smith, P., & Jenner, F. A. (1980). Diet (gluten) and schizophrenia. *J Hum Nutr*, 34(2), 107-112.
- Samaroo, D., Dickerson, F., Kasarda, D. D., Green, P. H., Briani, C., Yolken, R. H., et al. (2010). Novel immune response to gluten in individuals with schizophrenia. *Schizophr Res*, 118(1-3), 248-255. doi: S0920-9964(09)00385-5 [pii]10.1016/j.schres.2009.08.009
- Sengh, M. M., & Kay, S. R. (1987). Gluten sensitivity in schizophrenia. *Br J Psychiatry*, 150, 130-131.

Sharma, R.P., et al. "Acute Dietary Tryptophan Depletion: Effects on Schizophrenic Positive and Negative Symptoms." *Neuropsychobiology* 35 (1997): 5–10.

Study of gluten effect in schizophrenia. (1983). *Arch Gen Psychiatry*, 40(3), 345-346.

Tret'iakov, A., Karpov, A. G., Polushin, P. I., & Zakharchenko, S. P. (2005). [Ulcer disease in schizophrenia: variants of combination and particular features of the course]. *Eksp Klin Gastroenterol*(6), 88-93, 114.

Tret'iakov, A., Karpov, A. G., Polushin, P. I., & Zakharchenko, S. P. (2006). [Gastric ulcer accompanying schizophrenia: variants of combination and particulars of development]. *Eksp Klin Gastroenterol*(2), 50-55, 127.

Tsaluchidu, S., Cocchi, M., Tonello, L., & Puri, B. K. (2008). Fatty acids and oxidative stress in psychiatric disorders. *BMC Psychiatry*, 8 Suppl 1, S5. doi: 1471-244X-8-S1-S5 [pii]10.1186/1471-244X-8-S1-S5

Wood, N.C., et al. "Abnormal Intestinal Permeability. An Aetiological Factor in Chronic Psychiatric Disorders." *Br J Psychiatry* 150 (June 1987): 853–56.

Young, G., & Conquer, J. (2005). Omega-3 fatty acids and neuropsychiatric disorders. *Reprod Nutr Dev*, 45(1), 1-28.

Chapter 40: Scleroderma (Systemic Sclerosis)

— — —. "Essential Fatty Acid and Prostaglandin Metabolism in Sjögren's Syndrome, Systemic Sclerosis and Rheumatoid Arthritis." *Scand J Rheumatol* 61 (Suppl) (1986): 242–45.

Allanore, Y., Wipff, J., Kahan, A., & Boileau, C. (2007). Genetic basis for systemic sclerosis. *Joint Bone Spine*, 74(6), 577-583. doi: S1297-319X(07)00196-0 [pii] 10.1016/j.jbspin.2007.04.005

Al-Mogairen, S. M. (2010). Role of sodium silicate in induction of scleroderma-related autoantibodies in brown Norway rats through oral and subcutaneous administration. *Rheumatol Int*. doi: 10.1007/s00296-009-1327-3

Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, 18(1), 5-13.

Bonamico, M., Mariani, P., Danesi, H. M., Crisogianni, M., Failla, P., Gemme, G., . . . Romano, C. (2001). Prevalence and clinical picture of celiac disease in italian down syndrome patients: a multicenter study. *J Pediatr Gastroenterol Nutr*, 33(2), 139-143.

Brocard, A., Quereux, G., Moyse, D., & Dreno, B. (2010). Localized scleroderma and zinc: a pilot study. *Eur J Dermatol*, 20(2), 172-174. doi: ejd.2010.0879 [pii] 10.1684/ejd.2010.0879

Calvaruso, C., Turpault, M. P., Leclerc, E., Ranger, J., Garbaye, J., Uroz, S., et al. (2010). Influence of forest trees on the distribution of mineral weathering-associated bacterial communities of the *Scleroderma citrinum* mycorrhizosphere. *Appl Environ Microbiol*, 76(14), 4780-4787. doi: AEM.03040-09 [pii]10.1128/AEM.03040-09

- Caramaschi, P., et al. "Homocysteine Plasma Concentration Is Related to Severity of Lung Impairment in Scleroderma." *J Rheumatol* 30 (2) (February 2003): 298–304.
- Caramaschi, P., Volpe, A., Canestrini, S., Bambara, L. M., Faccini, G., Carletto, A., et al. (2007). Correlation between homocysteine plasma levels and nailfold videocapillaroscopic patterns in systemic sclerosis. *Clin Rheumatol*, 26(6), 902-907. doi: 10.1007/s10067-006-0425-9
- Chen, M., & von Mikecz, A. (2005). Xenobiotic-induced recruitment of autoantigens to nuclear proteasomes suggests a role for altered antigen processing in scleroderma. *Ann N Y Acad Sci*, 1051, 382-389. doi: 1051/1/382 [pii]10.1196/annals.1361.080
- Clegg, D. O., Reading, J. C., Mayes, M. D., Seibold, J. R., Harris, C., Wigley, F. M., et al. (1994). Comparison of aminobenzoate potassium and placebo in the treatment of scleroderma. *J Rheumatol*, 21(1), 105-110.
- Czirjak, L., et al. "Localized Scleroderma After Exposure to Organic Solvents." *Dermatology* 189, no. 4 (1994): 399–401.
- Dobryniewski, J., Szajda, S. D., Waszkiewicz, N., & Zwierz, K. (2007). [The gamma-linolenic acid (GLA)--the therapeutic value]. *Przegl Lek*, 64(2), 100-102.
- Ebert, E. C. (2008). Gastric and enteric involvement in progressive systemic sclerosis. *J Clin Gastroenterol*, 42(1), 5-12. doi: 10.1097/MCG.0b013e318042d625 00004836-200801000-00003 [pii]
- Failli, P., et al. "Effect of N-Acetyl-L-Cysteine on Peroxynitrite and Superoxide Anion Production of Lung Alveolar Macrophages in Systemic Sclerosis." *Nitric Oxide* 7 (4) (December 2002): 277–82.
- Fallahzadeh, M. K., Namazi, M. R., & Gupta, R. C. (2010). Taurine: a potential novel addition to the anti-systemic sclerosis weaponry. *Arch Med Res*, 41(1), 59-61. doi: S0188-4409(09)00212-4 [pii]10.1016/j.arcmed.2009.11.005
- Fasano, A. (2009). Surprises from celiac disease. *Sci Am*, 301(2), 54-61.
- Fasano, A. "Celiac Disease: How to Handle a Clinical Chameleon." *N Engl J Med* 34 (25) (June 19, 2003): -2568–70.
- Gabay, C., and M.F. Kahn. "Male-Type Scleroderma: The Role of Occupational Exposure." *Schweiz Med Wocheschr* 122, no. 46 (November 14, 1992): 1746–52.
- Gaby, A. R. (2006). Natural remedies for scleroderma. *Altern Med Rev*, 11(3), 188-195.
- Germain, B.F. "Silicone Breast Implants and Rheumatic Disease." *Bull Rheum Dis* 41, no. 6 (October 1992): 1–4.
- Green, P. H. (2005). The many faces of celiac disease: clinical presentation of celiac disease in the adult population. *Gastroenterology*, 128(4 Suppl 1), S74-78. doi: S001650850500185X [pii]
- Hendel, L., et al. "Esophageal Candidosis in Progressive Systemic Sclerosis: Occurrence, Significance, and Treatment with Fluconazole." *Scand J Gastroenterol* 23, no. 10 (December 1988): 1182–86.

- Hernando-Harder, A. C., Booken, N., Goerdts, S., Singer, M. V., & Harder, H. (2009). Helicobacter pylori infection and dermatologic diseases. *Eur J Dermatol*, 19(5), 431-444. doi: ejd.2009.0739 [pii]10.1684/ejd.2009.0739
- Herrick, A. L., Rieley, F., Schofield, D., Hollis, S., Braganza, J. M., & Jayson, M. I. (1994). Micronutrient antioxidant status in patients with primary Raynaud's phenomenon and systemic sclerosis. *J Rheumatol*, 21(8), 1477-1483.
- Herrick, A.L., et al. "Dietary Intake of Micronutrient Antioxidants in Relation to Blood Levels in Patients with Systemic Sclerosis." *J Rheumatol* 23 (4) (April 1996): 650–53.
- Herrick, A.L., et al. "Micronutrient Antioxidant Status in Patients with Primary Raynaud's Phenomenon and Systemic Sclerosis." *J Rheumatol* 21 (8) (August 1994): 1477–83.
- Higdon, J., Drake V.J., Shane B. (2007). Folic Acid. *Linus Pauling Micronutrient Information Center*. Retrieved from http://lpi.oregonstate.edu/infocenter/vitamins/fa/index.html#food_source
- Katayama, H., Ohsawa, K., & Yaoita, H. (1984). Improvement of progressive systemic sclerosis (PSS) with estriol treatment. *Acta Derm Venereol*, 64(2), 168-171.
- La Montagna, G., et al. "Dehydroepiandrosterone Sulphate Serum Levels in Systemic Sclerosis." *Clin Exp Rheumatol* 19 (1) (January–February 2001): 21–26.
- Lafyatis, R., & York, M. (2009). Innate immunity and inflammation in systemic sclerosis. *Curr Opin Rheumatol*, 21(6), 617-622. doi: 10.1097/BOR.0b013e32832fd69e
- Lamm, S.H. "Silicone Breast Implants and Long-Term Health Effects: When Are Data Adequate?" *J Clin Epidemiol* 48, no. 4 (April 1995): 507–11.
- Levy, Y., Rotman-Pikielny, P., Ehrenfeld, M., & Shoenfeld, Y. (2009). Silicone breast implantation-induced scleroderma: description of four patients and a critical review of the literature. *Lupus*, 18(13), 1226-1232. doi: 18/13/1226 [pii]10.1177/0961203309347795
- Lundberg, A.C., A. Akesson, and B. Akesson. "Dietary Intake and Nutritional Status in Patients with Systemic Sclerosis." *Ann Rheum Dis* 51 (10) (October 1992): 1143–48.
- Magnant, J., & Diot, E. (2006). [Systemic sclerosis: epidemiology and environmental factors]. *Presse Med*, 35(12 Pt 2), 1894-1901. doi: S0755-4982(06)74923-5 [pii]
- Magnant, J., de Monte, M., Guilmot, J. L., Lasfargues, G., Diot, P., Asquier, E., et al. (2005). Relationship between occupational risk factors and severity markers of systemic sclerosis. *J Rheumatol*, 32(9), 1713-1718. doi: 0315162X-32-1713 [pii]
- Makol, A., Reilly, M. J., & Rosenman, K. D. (2010). Prevalence of connective tissue disease in silicosis (1985-2006)-a report from the state of michigan surveillance system for silicosis. *Am J Ind Med*. doi: 10.1002/ajim.20917
- Marasini, B., Casari, S., Bestetti, A., Maioli, C., Cugno, M., Zeni, S., et al. (2000). Homocysteine concentration in primary and systemic sclerosis associated Raynaud's phenomenon. *J Rheumatol*, 27(11), 2621-2623.

- Marasini, B., et al. "Homocysteine Concentration in Primary and Systemic Sclerosis Associated Raynaud's Phenomenon," *J Rheumatol* 27 (2000): 2621–23.
- Marie, I., Ducrotte, P., Denis, P., Menard, J. F., & Levesque, H. (2009). Small intestinal bacterial overgrowth in systemic sclerosis. *Rheumatology (Oxford)*, 48(10), 1314-1319. doi: kep226 [pii]10.1093/rheumatology/kep226
- McCormic, Z. D., Khuder, S. S., Aryal, B. K., Ames, A. L., & Khuder, S. A. (2010). Occupational silica exposure as a risk factor for scleroderma: a meta-analysis. *Int Arch Occup Environ Health*, 83(7), 763-769. doi: 10.1007/s00420-009-0505-7
- Mora, G. F. (2009). Systemic sclerosis: environmental factors. *J Rheumatol*, 36(11), 2383-2396. doi: jrheum.090207 [pii]10.3899/jrheum.090207
- Nietert, Paul J., et al. "Is Occupational Organic Solvent Exposure a Risk Factor for Scleroderma?" *Arthritis Rheum* 41, no. 6 (June 1998): 1111–18.
- Pelmear, P.L., J.O. Roos, and W.M. Maehle. "Occupationally Induced Scleroderma." *J Occup Med* 34, no. 1 (January 1992): 20–25.
- Prokopova, L. "Celiac Disease—A Severe Disease." *Vnitr Lek* 49 (6) (June 2003): 474–81.
- Quatresooz, P., Paquet, P., Pierard-Franchimont, C., & Pierard, G. E. (2007). [How I explore...the revisited toxic path of scleroderma]. *Rev Med Liege*, 62(3), 170-174.
- Randone, S. B., Guiducci, S., & Cerinic, M. M. (2008). Systemic sclerosis and infections. *Autoimmun Rev*, 8(1), 36-40. doi: S1568-9972(08)00135-3 [pii]10.1016/j.autrev.2008.07.022
- Ranque, B., & Mouthon, L. (2010). Geoepidemiology of systemic sclerosis. *Autoimmun Rev*, 9(5), A311-318. doi: S1568-9972(09)00181-5 [pii]10.1016/j.autrev.2009.11.003
- Rosato, E., De Nitto, D., Rossi, C., Libanori, V., Donato, G., Di Tola, M., et al. (2009). High incidence of celiac disease in patients with systemic sclerosis. *J Rheumatol*, 36(5), 965-969. doi: jrheum.081000 [pii]10.3899/jrheum.081000
- Sanchez-Roman, J., et al. "Multiple Clinical and Biological Autoimmune Manifestations in 50 Workers After Occupational Exposure to Silica." *Ann Rheum Dis* 52, no 7 (July 1993): 534–38.
- Shiel WC, D. C. (2010). Scleroderma. *Medicine.net*. Retrieved from
- Simonini, G., et al. "Emerging Potentials for an Antioxidant Therapy as a New Approach to the Treatment of Systemic Sclerosis." *Toxicol* 155 (1–3) (November 30, 2000): 1–15.
- Slimani, S., Ben Ammar, A., & Ladjouze-Rezig, A. (2010). Connective tissue diseases after heavy exposure to silica: a report of nine cases in stonemasons. *Clin Rheumatol*, 29(5), 531-533. doi: 10.1007/s10067-009-1371-0
- Straub, R.H., et al. "High Prolactin and Low Dehydroepiandrosterone Sulphate Serum Levels in Patients with Severe Systemic Sclerosis." *Br J Rheumatol* 36 (4) (April 1997): 426–32.
- Tikly, M., Channa, K., Theodorou, P., & Gulumian, M. (2006). Lipid peroxidation and trace elements in systemic sclerosis. *Clin Rheumatol*, 25(3), 320-324. doi: 10.1007/s10067-005-0013-4

- Vilela, F. A., Carneiro, S., & Ramos-e-Silva, M. (2010). Treatment of morphea or localized scleroderma: review of the literature. *J Drugs Dermatol*, *9*(10), 1213-1219.
- Wallace, D.J. "Silicone Breast Implants Do Not Cause Rheumatic Diseases, but Can They Influence Them?" *Arthritis Rheum* *46* (9) (September 2002): 25–45.
- Wang, W. L., Su, Y. M., Yang, R. Y., Zhang, J., & Xu, Y. (2005). Follow-up efficacy of integrative Chinese and Western drugs on localized scleroderma with vitamine B6 and Xuefu Zhuyu decoction. *Chin J Integr Med*, *11*(1), 34-36.
- Yamaguchi, K., Iwakiri, R., Hara, M., Kikkawa, A., Fujise, T., Ootani, H., et al. (2008). Reflux esophagitis and Helicobacter pylori infection in patients with scleroderma. *Intern Med*, *47*(18), 1555-1559. doi: JST.JSTAGE/internalmedicine/47.1128 [pii]
- Yasuda, M., Amano, H., Yamanaka, M., Tamura, A., & Ishikawa, O. (2008). Coincidental association of mycosis fungoides and occupational systemic sclerosis? *J Dermatol*, *35*(1), 21-24. doi: JDE405 [pii]10.1111/j.1346-8138.2007.00405.x
- Zarafonitis, C. J., Dabich, L., Devol, E. B., Skovronski, J. J., Negri, D., & Yuan, W. Y. (1989). Retrospective studies in scleroderma: pulmonary findings and effect of potassium p-aminobenzoate on vital capacity. *Respiration*, *56*(1-2), 22-33.
- Zarafonitis, C. J., Dabich, L., Negri, D., Skovronski, J. J., DeVol, E. B., & Wolfe, R. (1988). Retrospective studies in scleroderma: effect of potassium para-aminobenzoate on survival. *J Clin Epidemiol*, *41*(2), 193-205. doi: 0895-4356(88)90094-7 [pii]
- Zeglaoui, H., Landolsi, H., Mankai, A., Ghedira, I., & Bouajina, E. (2010). Type 1 diabetes mellitus, celiac disease, systemic lupus erythematosus and systemic scleroderma in a 15-year-old girl. *Rheumatol Int*, *30*(6), 793-795. doi: 10.1007/s00296-009-0988-2

Chapter 41: Sjogren's Syndrome

- . "Essential Fatty Acid and Prostaglandin Metabolism in Sjögren's Syndrome, Systemic Sclerosis and Rheumatoid Arthritis." *Scand J Rheumatol* *61* (Suppl) (1986): 242–45.
- Arslan Lied, G. (2007). Gastrointestinal food hypersensitivity: symptoms, diagnosis and provocation tests. *Turk J Gastroenterol*, *18*(1), 5-13.
- El Miedany, Y. M., Baddour, M., Ahmed, I., & Fahmy, H. (2005). Sjogren's syndrome: concomitant H. pylori infection and possible correlation with clinical parameters. *Joint Bone Spine*, *72*(2), 135-141. doi: S1297319X04001083 [pii]10.1016/j.jbspin.2004.04.005
- Ergun, S., Cekici, A., Topcuoglu, N., Migliari, D. A., Kulekci, G., Tanyeri, H., et al. (2010). Oral status and Candida colonization in patients with Sjogren's Syndrome. *Med Oral Patol Oral Cir Bucal*, *15*(2), e310-315. doi: 2923 [pii]
- Hammar, O., Ohlsson, B., Wollmer, P., & Mandl, T. (2010). Impaired Gastric Emptying in Primary Sjogren's Syndrome. *J Rheumatol*. doi: jrheum.100280 [pii]10.3899/jrheum.100280
- Ianniello, A., et al. "S-Adenosyl-L-Methionine in Sjögren's Syndrome and Fibromyalgia." *Curr Ther Res Clin Exp* *55*, no. 6 (June 1994): 699–706.

- Kawamoto, S., Ichinose, M., Ito, Y., Takahashi, H., Kawamura, T., & Hosoya, T. (2005). [Interstitial pneumonia and nephritis with Sjogren's syndrome: successful treatment with corticosteroid therapy]. *Nippon Jinzo Gakkai Shi*, 47(4), 451-457.
- Liden, M., Kristjansson, G., Valtysdottir, S., Venge, P., & Hallgren, R. (2008). Cow's milk protein sensitivity assessed by the mucosal patch technique is related to irritable bowel syndrome in patients with primary Sjogren's syndrome. *Clin Exp Allergy*, 38(6), 929-935. doi: CEA2983 [pii]10.1111/j.1365-2222.2008.02983.x
- Luft, L. M., Barr, S. G., Martin, L. O., Chan, E. K., & Fritzler, M. J. (2003). Autoantibodies to tissue transglutaminase in Sjogren's syndrome and related rheumatic diseases. *J Rheumatol*, 30(12), 2613-2619. doi: 0315162X-30-2613 [pii]
- Pronai, L., and S. Arimori. "BG-104 Enhances the Decreased Plasma Superoxide Scavenging Activity in Patients with Behcet's Disease, Sjögren's Syndrome or Hematological Malignancy." *Biotherapy* 3 (4) (1991): 365–71.
- Radfar, L., Shea, Y., Fischer, S. H., Sankar, V., Leakan, R. A., Baum, B. J., et al. (2003). Fungal load and candidiasis in Sjogren's syndrome. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*, 96(3), 283-287. doi: 10.1016/S1079210403002245 S1079210403002245 [pii]
- Soto-Rojas, A. E., Villa, A. R., Sifuentes-Osornio, J., Alarcon-Segovia, D., & Kraus, A. (1998). Oral candidiasis and Sjogren's syndrome. *J Rheumatol*, 25(5), 911-915.
- Sweet, S. P., Denbury, A. N., & Challacombe, S. J. (2001). Salivary calprotectin levels are raised in patients with oral candidiasis or Sjogren's syndrome but decreased by HIV infection. *Oral Microbiol Immunol*, 16(2), 119-123. doi: omi160209 [pii]
- Szodoray, P., Horvath, I. F., Papp, G., Barath, S., Gyimesi, E., Csathy, L., et al. (2010). The immunoregulatory role of vitamins A, D and E in patients with primary Sjogren's syndrome. *Rheumatology (Oxford)*, 49(2), 211-217. doi: kep374 [pii]10.1093/rheumatology/kep374
- Tishler, M., Paran, D., & Yaron, M. (1998). Allergic disorders in primary Sjogren's syndrome. *Scand J Rheumatol*, 27(3), 166-169.

