

Activity Title: From Kitchen to Tube: Making Mealtimes Normal with Whole Food Formulas Webinar
References

Ali A., Tan H., and Kaiko G.E. "Role of the Intestinal Epithelium and Its Interaction With the Microbiota in Food Allergy." *Frontiers in Immunology*, vol. 11, 2020, p. 640.

<https://doi.org/10.3389/fimmu.2020.604054>.

Ayakdaş G. and Ağagündüz D. "Microbiota-Accessible Carbohydrates (MACs) as Novel Gut Microbiome Modulators in Noncommunicable Diseases." *Heliyon*, vol. 9, no. 9, 2023, p. 657.

<https://doi.org/10.1016/j.heliyon.2023.e19888>.

Beisner, J., Gonzalez-Granda A., Basrai M., et al. "Fructose-Induced Intestinal Microbiota Shift Following Two Types of Short-Term High-Fructose Dietary Phases." *Nutrients*, vol. 12, 2020, p. 3444.

<https://doi.org/10.3390/nu12113444>.

Bischoff S., Barbara G., Buurman W., et al. "Intestinal Permeability – A New Target for Disease Prevention and Therapy." *BMC Gastroenterology*, vol. 14, 2014, p. 189. <https://doi.org/10.1186/s12876-014-0189-7>.

Bonaz B., Bazin, T., and Pellissier S. "The Vagus Nerve at the Interface of the Microbiota-Gut-Brain Axis." *Frontiers in Neuroscience, Sec. Autonomic Neuroscience*, vol. 12, 2018,

<https://doi.org/10.3389/fnins.2018.00049>.

Borsani B., De Santis R., Perico V., et al. "The Role of Carrageenan in Inflammatory Bowel Diseases and Allergic Reactions: Where Do We Stand?" *Nutrients*, vol. 13, no. 10, 2021, p. 3402.

<http://doi.org/10.3390/nu13103402>.

Chassaing B., Koren O., Goodrich J.K., et al. "Dietary Emulsifiers Impact the Mouse Gut Microbiota Promoting Colitis and Metabolic Syndrome." *Nature*, vol. 519, no. 7541, 2015, pp. 92-96.

<http://doi.org/10.1038/nature14232>.

Daïen, C.I., Pinget G.A., Tan J.K., et al. "Detrimental Impact of Microbiota-Accessible Carbohydrate-Deprived Diet on Gut and Immune Homeostasis: An Overview." *Frontiers in Immunology*, vol. 8, 2017, p. 1041. <https://doi.org/10.3389/fimmu.2017.00548>.

DeGruttola A.K., Low D., Mizoguchi A., et al. "Current Understanding of Dysbiosis in Disease in Human and Animal Models." *Inflammatory Bowel Diseases*, vol. 22, no. 5, 2016, pp. 1137–1150.

<http://doi.org/10.1097/MIB.0000000000000750>.

de Moraes, J., Motta M., Beltrão M., et al. "Fecal Microbiota and Diet of Children with Chronic Constipation." *International Journal of Pediatrics*, 2016, p. 678. <https://doi.org/10.1155/2016/6787269>.

Ellis, J.L., Karl J.P., Oliverio A.M., et al. "Dietary Vitamin K Is Remodeled by Gut Microbiota and Influences Community Composition." *Gut Microbes*, vol. 13, no. 1, 2021, pp. 1-16.

<http://doi.org/10.1080/19490976.2021.1887721>.

Firman, J., Liu L., Mahalak K., et al. "An In Vitro Analysis of How Lactose Modifies the Gut Microbiota Structure and Function of Adults in a Donor-Independent Manner." *Frontiers in Nutrition*, vol. 9, 2023, p. 108. <http://doi.org/10.3389/fnut.20221040744>.

France M.M., and Turner J.R. "The Mucosal Barrier at a Glance." *Journal of Cell Science*, vol. 130, no. 2, 2017, pp. 307-314. <http://doi.org/10.1242/jcs.193482>.

Fukui H. "Increased Intestinal Permeability and Decreased Barrier Function: Does It Really Influence the Risk of Inflammation?" *Inflammatory Intestinal Diseases*, vol. 1, no. 3, 2016, pp. 135-145. <https://doi.org/10.1159/000447252>.

Gilbert, J.A., Blaser M.J., Caporaso J.G., et al. "Current Understanding of the Human Microbiome." *Nature Medicine*, vol. 24, no. 4, 2018, pp. 392-400. <https://doi.org/10.1038/nm.4517>.

Goyal R.K., Guo Y., and Mashimo H. "Advances in the Physiology of Gastric Emptying." *Neurogastroenterology & Motility*, vol. 31, no. 4, Apr. 2019, pp. 66. <https://doi.org/10.1111/nmo.13546>.

Katagiri S., Ohsugi Y., Shiba T., et al. "Homemade Blenderized Tube Feeding Improves Gut Microbiome Communities in Children with Enteral Nutrition." *Frontiers in Microbiology*, vol. 14, 2023, p. 1090. <https://doi.org/10.3389/fmicb.2023.1215236>.

Kelly J., Kennedy P., Cryan F., et al. "Breaking Down the Barriers: The Gut Microbiome, Intestinal Permeability, and Stress-Related Psychiatric Disorders." *Frontiers in Cell Neuroscience*, vol. 9, 2015, p. 392. <https://doi.org/10.3389/fncel.2015.00392>.

Kinashi Y., and Hase K. "Partners in Leaky Gut Syndrome: Intestinal Dysbiosis and Autoimmunity." *Frontiers in Immunology*, vol. 12, 2021, p. 726. <http://doi.org/10.3389/fimmu.2021.673708>.

Komisarska P., Pinyosinwat A., Saleem M., and Szczuko M. "Carrageenan as a Potential Factor of Inflammatory Bowel Diseases." *Nutrients*, vol. 16, no. 9, 2024, p. 1367. <https://doi.org/10.3390/nu16091367>.

Mantis N., Rol N., and Corthésy B. "Secretory IgA's Complex Roles in Immunity and Mucosal Homeostasis in the Gut." *Mucosal Immunology*, vol. 4, 2011, pp. 603–611. <https://doi.org/10.1038/mi2011.41>.

Martino J.V., Van Limbergen J., and Cahill L.E. "The Role of Carrageenan and Carboxymethylcellulose in the Development of Intestinal Inflammation." *Frontiers in Pediatrics*, vol. 5, 2017, p. 96. <https://doi.org/10.3389/fped.2017.00096>.

Morowitz M.J., Carlisle E., and Alverdy J.C. "Contributions of Intestinal Bacteria to Nutrition and Metabolism in the Critically Ill." *Surgical Clinics of North America*, vol. 4, 2011, pp. 771-785. <https://doi.org/10.1016/j.suc.2011.05.001>.

O'Connor G., Watson M., Van Der Linde M., et al. "Monitor Gastrointestinal Tolerance in Children Who Have Switched to an 'Enteral Formula with Food-Derived Ingredients': A National, Multicenter Retrospective Chart Review (RICIMIX Study)." *Nutrition in Clinical Practice*, 2022. <https://doi.org/10.1002/ncp.10812>.

Parada Venegas D., De la Fuente M., Landskron G., et al. "Short Chain Fatty Acids (SCFAs)-Mediated Gut Epithelial and Immune Regulation and Its Relevance for Inflammatory Bowel Diseases." *Frontiers in Immunology*, vol. 10, 2019, p. 277. <https://doi.org/10.3389/fimmu.2019.00277>.

Partridge D., Lloyd K., Rhodes J., et al. "Food Additives: Assessing the Impact of Exposure to Permitted Emulsifiers on Bowel and Metabolic Health - Introducing the FADiets Study." *Nutrition Bulletin*, vol. 44, no. 4, 2019, pp. 329-349. <https://doi.org/10.1111/nbu.12408>.

Ruan W., Engevik M., Spinler J., et al. "Healthy Human Gastrointestinal Microbiome: Composition and Function After a Decade of Exploration." *Digestive Diseases and Sciences*, vol. 65, no. 12, 2020, pp. 3709-3717. <https://doi.org/10.1007/s10620-020-06118-4>.

Schroeder B.O. "Fight Them or Feed Them: How the Intestinal Mucus Layer Manages the Gut Microbiota." *Gastroenterology Report*, vol. 7, no. 1, 2019, pp. 3-12. <https://doi.org/10.1903/gastro/goy052>.

Shin A., Preidis G., Shulman R., et al. "The Gut Microbiome in Adult and Pediatric Functional Gastrointestinal Disorders." *Clinical Gastroenterology and Hepatology*, vol. 17, no. 2, Jan. 2019, pp. 256-274. <https://doi.org/10.1016/j.cgh.2018.08.054>.

Smith C., Van Haute M.J., and Rose D.J. "Processing Has Differential Effects on Microbiota-Accessible Carbohydrates in Whole Grains During In Vitro Fermentation." *Applied and Environmental Microbiology*, vol. 86, 2020, e01705-20. <https://doi.org/10.1128/AEM.01705-20>.

Sonnenburg E.D., and Sonnenburg J.L. "Starving Our Microbial Self: The Deleterious Consequences of a Diet Deficient in Microbiota-Accessible Carbohydrates." *Cell Metabolism*, vol. 20, no. 5, 2014, pp. 779–786. <https://doi.org/10.1016/j.cmet.2014.07.003>.

Tanaka M., and Nakayama J. "Development of the Gut Microbiota in Infancy and Its Impact on Health in Later Life." *Allergology International*, vol. 66, no. 4, 2017, pp. 515-522. <https://doi.org/10.1016/j.alit.2017.07.010>.

Vancamelbeke M., and Vermeire S. "The Intestinal Barrier: A Fundamental Role in Health and Disease." *Expert Review of Gastroenterology & Hepatology*, vol. 11, no. 9, 2017, pp. 821-834. <https://doi.org/10.1080/17474124.2017.1343143>.

Wilkins L.J., Monga M., and Miller A.W. "Defining Dysbiosis for a Cluster of Chronic Diseases." *Scientific Reports*, vol. 9, no. 1, 2019, p. 12918. <https://doi.org/10.1038/s41598-019-49452-y>.