



THE REFERENCES



Hi Friend!

Thank you for your support of my work and *The Fiber Fueled Cookbook*. You are here for the references that I promised you.

Perhaps you've noticed, there's quite a few of them. Four hundred and thirty two of them, to be precise. I'm entertaining the possibility that this book holds the Guinness Book of World Records for scientific references in a cookbook. 😂😂 If you come up with one, please message me through instagram, because I would be very curious to know that such a book exists.

I have worked hard throughout my career to maximize my education, to advance my expertise, and to have the proper balance of experience to be a source you can trust. In the interest of building that trust, I am offering maximum transparency. Here are the 432 references from *The Fiber Fueled Cookbook*, in chronological order and divided by chapter.



Why are the references not included in the book?

This is a publishing decision, not my personal decision, although I do understand the perspective of my publisher. Every page costs money and this document alone is nearly 60 pages long! Those expenses really add up when you're talking about 100,000 or more books. It is for this reason that many publishers, including my own, are no longer printing the references in books and instead encouraging authors to provide them in a different format. So here we are!

For each reference, I am giving the first words of the sentence attributed to the reference. Therefore, if you read a sentence and want to read the reference, you can use the "Find" feature on your computer to search the document for those words. Notably, sometimes an entire paragraph refers to a specific reference, and when that is the case I will generally use the last sentence in the paragraph or last sentence relevant to the topic in order to attribute the reference.

I would love to one day provide the page numbers for all 400+ references, but at the moment I have a newborn baby at home and am simultaneously launching this book, so I simply do not have the bandwidth. You can check back in the future for updates, or you can register to receive [The Fiber Fueled Cookbook Supplemental Resources](#). If I have your email address then I can send you updates directly when they become available.

In [The Fiber Fueled Cookbook Supplemental Resources](#) you'll also find printable FODMAP and histamine food tables and a list of potential high FODMAP and high histamine ingredients for every single recipe in the book. These resources are being provided in the interest of helping facilitate the healing journey that is described throughout the book.

I'm cheering for you. I want to see you successful.



The Fiber Fueled Cookbook – The Scientific References

Introduction | Welcome to the Fiber Fueled Life

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
1	1	The invisible critters in our colon	Vadim Osadchiy et al., “Correlation of Tryptophan Metabolites with Connectivity of Extended Central Reward Network in Healthy Subjects,” PLOS ONE 13, no. 8 (August 6, 2018): e0201772, https://doi.org/10.1371/journal.pone.0201772 .

Chapter 1 | The Fiber Paradox

What seems like the problem is actually the solution

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
2	1	We all recognize that the depths of the ocean	Harvard Health Publishing, “Radiation Risk from Medical Imaging,” Harvard Health, accessed February 24, 2021, https://www.health.harvard.edu/cancer/radiation-risk-from-medical-imaging .
3	2	To convince you, let me tell you about my favorite fiber study	Andrew Reynolds et al., “Carbohydrate Quality and Human Health: A Series of Systematic Reviews and Meta-Analyses,” The Lancet 393, no. 10170 (February 2, 2019): 434–45, https://doi.org/10.1016/S0140-6736(18)31809-9 .
4	3	They enhance the growth of the good gut bacteria	Tien S. Dong and Arpana Gupta, “Influence of Early Life, Diet, and the Environment on the Microbiome,” Clinical Gastroenterology and Hepatology 17, no. 2 (January 1, 2019): 231–42, https://doi.org/10.1016/j.cgh.2018.08.067
5	4		Jun Miyoshi et al., “Peripartum Antibiotics Promote Gut Dysbiosis, Loss of Immune Tolerance, and Inflammatory Bowel Disease in Genetically Prone Offspring,” Cell Reports 20, no. 2 (11 2017): 491–504, https://doi.org/10.1016/j.celrep.2017.06.060
6	5		Robert Caesar et al., “Crosstalk between Gut Microbiota and Dietary Lipids Aggravates WAT

			Inflammation through TLR Signaling," Cell Metabolism 22, no. 4 (October 6, 2015): 658–68, https://doi.org/10.1016/j.cmet.2015.07.026 .
7	6	They directly suppress bad guys bacteria	C. A. Cherrington et al., "Short-Chain Organic Acids at Ph 5.0 Kill Escherichia Coli and Salmonella Spp. without Causing Membrane Perturbation," The Journal of Applied Bacteriology 70, no. 2 (February 1991): 161–65, https://doi.org/10.1111/j.1365-2672.1991.tb04442.x ;
8	7		L. Prohászka et al., "The Role of Intestinal Volatile Fatty Acids in the Salmonella Shedding of Pigs," Zentralblatt Fur Veterinarmedizin. Reihe B. Journal of Veterinary Medicine. Series B 37, no. 8 (October 1990): 570–74, https://doi.org/10.1111/j.1439-0450.1990.tb01098.x .
9	8	Butyrate serves as the principal source of energy	W. E. Roediger, "Utilization of Nutrients by Isolated Epithelial Cells of the Rat Colon," Gastroenterology 83, no. 2 (August 1982): 424–29.
10	9	They increase the expression of tight junction proteins	Hong-Bo Wang et al., "Butyrate Enhances Intestinal Epithelial Barrier Function via Up-Regulation of Tight Junction Protein Claudin-1 Transcription," Digestive Diseases and Sciences 57, no. 12 (December 2012): 3126–35, https://doi.org/10.1007/s10620-012-2259-4
11	10		Bin Liu et al., "Butyrate Protects Rat Liver against Total Hepatic Ischemia Reperfusion Injury with Bowel Congestion," PloS One 9, no. 8 (2014): e106184, https://doi.org/10.1371/journal.pone.0106184 .
12	11	An absence of short chain fatty acids has	Huawei Zeng, Darina L. Lazarova, and Michael Bordonaro, "Mechanisms Linking Dietary Fiber, Gut Microbiota and Colon Cancer Prevention," World Journal of Gastrointestinal Oncology 6, no. 2 (February 15, 2014): 41–51, https://doi.org/10.4251/wjg.v6.i2.41
13	12		Kim Y. C. Fung et al., "Butyrate-Induced Apoptosis in HCT116 Colorectal Cancer Cells Includes Induction of a Cell Stress Response," Journal of Proteome Research 10, no. 4 (April 1, 2011): 1860–69, https://doi.org/10.1021/pr1011125
14	13		Keku To et al., "The Gastrointestinal Microbiota and Colorectal Cancer," American journal of physiology. Gastrointestinal and liver physiology (Am J Physiol Gastrointest Liver Physiol, March 1,

			2015), https://doi.org/10.1152/ajpgi.00360.2012
15	14		Zhiguang Gao et al., “Microbiota Disbiosis Is Associated with Colorectal Cancer,” <i>Frontiers in Microbiology</i> 6 (2015): 20, https://doi.org/10.3389/fmicb.2015.00020
16	15		Iradj Sobhani et al., “Microbial Dysbiosis and Colon Carcinogenesis: Could Colon Cancer Be Considered a Bacteria-Related Disease?,” <i>Therapeutic Advances in Gastroenterology</i> 6, no. 3 (May 2013): 215–29, https://doi.org/10.1177/1756283X12473674 .
17	16	On closer inspection, we find that cancer cells	Sara Daniela Gomes et al., “The Role of Diet Related Short-Chain Fatty Acids in Colorectal Cancer Metabolism and Survival: Prevention and Therapeutic Implications,” <i>Current Medicinal Chemistry</i> 27, no. 24 (2020): 4087–4108, https://doi.org/10.2174/0929867325666180530102050 .
18	17	Beyond the colon, SCFAs inhibit	H. Lührs et al., “Butyrate Inhibits NF-KappaB Activation in Lamina Propria Macrophages of Patients with Ulcerative Colitis,” <i>Scandinavian Journal of Gastroenterology</i> 37, no. 4 (April 2002): 458–66, https://doi.org/10.1080/003655202317316105
19	18		Lidija Klampfer et al., “Inhibition of Interferon Gamma Signaling by the Short Chain Fatty Acid Butyrate,” <i>Molecular Cancer Research: MCR</i> 1, no. 11 (September 2003): 855–62
20	19		C S Byrne et al., “The Role of Short Chain Fatty Acids in Appetite Regulation and Energy Homeostasis,” <i>International Journal of Obesity</i> (2005) 39, no. 9 (September 2015): 1331–38, https://doi.org/10.1038/ijo.2015.84
21	20		Marco A. R. Vinolo et al., “Suppressive Effect of Short-Chain Fatty Acids on Production of Proinflammatory Mediators by Neutrophils,” <i>The Journal of Nutritional Biochemistry</i> 22, no. 9 (September 2011): 849–55, https://doi.org/10.1016/j.jnutbio.2010.07.009
22	21		Nicholas Arpaia et al., “Metabolites Produced by Commensal Bacteria Promote Peripheral Regulatory T-Cell Generation,” <i>Nature</i> 504, no. 7480 (December 19, 2013): 451–55, https://doi.org/10.1038/nature12726

23	22		Yukihiro Furusawa et al., “Commensal Microbe-Derived Butyrate Induces the Differentiation of Colonic Regulatory T Cells,” <i>Nature</i> 504, no. 7480 (December 19, 2013): 446–50, https://doi.org/10.1038/nature12721 .
24	23	They reduce blood pressure, lower cholesterol,	Neda Roshanravan et al., “Effect of Butyrate and Inulin Supplementation on Glycemic Status, Lipid Profile and Glucagon-Like Peptide 1 Level in Patients with Type 2 Diabetes: A Randomized Double-Blind, Placebo-Controlled Trial,” <i>Hormone and Metabolic Research = Hormon- Und Stoffwechselforschung = Hormones Et Metabolisme</i> 49, no. 11 (November 2017): 886–91, https://doi.org/10.1055/s-0043-119089
25	24		Luisa F. Gomez-Arango et al., “Increased Systolic and Diastolic Blood Pressure Is Associated With Altered Gut Microbiota Composition and Butyrate Production in Early Pregnancy,” <i>Hypertension (Dallas, Tex.: 1979)</i> 68, no. 4 (October 2016): 974–81, https://doi.org/10.1161/HYPERTENSIONAHA.116.07910
26	25		Takashi Fushimi et al., “Dietary Acetic Acid Reduces Serum Cholesterol and Triacylglycerols in Rats Fed a Cholesterol-Rich Diet,” <i>The British Journal of Nutrition</i> 95, no. 5 (May 2006): 916–24, https://doi.org/10.1079/bjn20061740
27	26		C. Demigné et al., “Effect of Propionate on Fatty Acid and Cholesterol Synthesis and on Acetate Metabolism in Isolated Rat Hepatocytes,” <i>The British Journal of Nutrition</i> 74, no. 2 (August 1995): 209–19, https://doi.org/10.1079/bjn19950124
28	27		Joshua Tarini and Thomas M. S. Wolever, “The Fermentable Fibre Inulin Increases Postprandial Serum Short-Chain Fatty Acids and Reduces Free-Fatty Acids and Ghrelin in Healthy Subjects,” <i>Applied Physiology, Nutrition, and Metabolism = Physiologie Appliquee, Nutrition Et Metabolisme</i> 35, no. 1 (February 2010): 9–16, https://doi.org/10.1139/H09-119
29	28		Liping Zhao et al., “Gut Bacteria Selectively Promoted by Dietary Fibers Alleviate Type 2 Diabetes,” <i>Science (New York, N.Y.)</i> 359, no. 6380 (09 2018): 1151–56, https://doi.org/10.1126/science.aao5774
30	29		Edward S. Chambers et al., “Role of Gut Microbiota-Generated Short-Chain Fatty Acids in

			Metabolic and Cardiovascular Health," Current Nutrition Reports 7, no. 4 (2018): 198–206, https://doi.org/10.1007/s13668-018-0248-8
31	30		Arashdeep Singh et al., "Inulin Fiber Dose-Dependently Modulates Energy Balance, Glucose Tolerance, Gut Microbiota, Hormones and Diet Preference in High-Fat-Fed Male Rats," The Journal of Nutritional Biochemistry 59 (September 2018): 142–52, https://doi.org/10.1016/j.jnutbio.2018.05.017
32	31		Raylene A. Reimer et al., "Inulin-Type Fructans and Whey Protein Both Modulate Appetite but Only Fructans Alter Gut Microbiota in Adults with Overweight/Obesity: A Randomized Controlled Trial," Molecular Nutrition & Food Research 61, no. 11 (November 2017), https://doi.org/10.1002/mnfr.201700484
33	32		Megan P. Hume, Alissa C. Nicolucci, and Raylene A. Reimer, "Prebiotic Supplementation Improves Appetite Control in Children with Overweight and Obesity: A Randomized Controlled Trial," The American Journal of Clinical Nutrition 105, no. 4 (April 2017): 790–99, https://doi.org/10.3945/ajcn.116.140947 .
34	33	Patients with symptomatic coronary artery disease	Fredrik H. Karlsson et al., "Symptomatic Atherosclerosis Is Associated with an Altered Gut Metagenome," Nature Communications 3 (2012): 1245, https://doi.org/10.1038/ncomms2266 .
35	34	SCFAs alter breast cancer cells	Madhumathi Thirunavukkarasan et al., "Short-Chain Fatty Acid Receptors Inhibit Invasive Phenotypes in Breast Cancer Cells," PloS One 12, no. 10 (2017): e0186334, https://doi.org/10.1371/journal.pone.0186334 .
36	35	They found that people with COVID-19	Yun Kit Yeoh et al., "Gut Microbiota Composition Reflects Disease Severity and Dysfunctional Immune Responses in Patients with COVID-19," Gut, January 4, 2021, https://doi.org/10.1136/gutjnl-2020-323020 .
37	36	In another study of dietary fiber, scientists were absolutely shocked	Aurélien Trompette et al., "Dietary Fiber Confers Protection against Flu by Shaping Ly6c–Patrolling Monocyte Hematopoiesis and CD8+ T Cell Metabolism," Immunity 48, no. 5 (May 15, 2018): 992-1005.e8, https://doi.org/10.1016/j.immuni.2018.04.022 .

38	37	Taken together, those following a low carbohydrate	Hyunju Kim et al., “Plant-Based Diets, Pescatarian Diets and COVID-19 Severity: A Population-Based Case–Control Study in Six Countries,” <i>BMJ Nutrition, Prevention & Health</i> 4, no. 1 (June 1, 2021), https://doi.org/10.1136/bmjnph-2021-000272 .
39	38	Most soluble fiber is	Glenn R. Gibson et al., “Expert Consensus Document: The International Scientific Association for Probiotics and Prebiotics (ISAPP) Consensus Statement on the Definition and Scope of Prebiotics,” <i>Nature Reviews Gastroenterology & Hepatology</i> 14, no. 8 (August 2017): 491–502, https://doi.org/10.1038/nrgastro.2017.75 .
40	39	As the American Gut Project found,	Daniel McDonald et al., “American Gut: An Open Platform for Citizen Science Microbiome Research,” <i>MSystems</i> 3, no. 3 (June 2018), https://doi.org/10.1128/mSystems.00031-18 .
41	40	For starters, 95% of us are not even getting	Diane Quagliani and Patricia Felt-Gunderson, “Closing America’s Fiber Intake Gap: Communication Strategies From a Food and Fiber Summit,” <i>American Journal of Lifestyle Medicine</i> 11, no. 1 (February 2017): 80, https://doi.org/10.1177/1559827615588079 .
42	41	The average daily adult fiber intake is 18.4 grams	“What We Eat in America, NHANES 2017-2018, Individuals 2 Years and over (Excluding Breast-Fed Children), Day 1. Available: www.ars.usda.gov/nea/bhnrc/fsrg ,” n.d., accessed February 25, 2021.
43	42	According to U.S. Department of Agriculture estimates,	“What Are We Eating? What the Average American Consumes in a Year (Image),” <i>mindbodygreen</i> , August 2, 2010, https://www.mindbodygreen.com/0-1198/What-Are-We-Eating-What-the-Average-American-Consumes-in-a-Year-Image.html .
44	43	The U.S. also has the highest meat consumption in the world	“List of Countries by Meat Consumption per Capita,” in Wikipedia, October 13, 2019, https://en.wikipedia.org/w/index.php?title=List_of_countries_by_meat_consumption_per_capita&oldid=920997271 .
45	44	Considering the average American weighs 181 pounds,	Gallup Inc, “Americans’ Average Weight Holds Steady in 2020,” <i>Gallup.com</i> , January 4, 2021, https://news.gallup.com/poll/328241/americans-average-weight-holds-steady-2020.aspx .
46	45	Meanwhile a plant-based	“Meat Consumption: Trends and Health

		diet seems increasingly popular	Implications,” Center for a Livable Future, accessed August 19, 2021, https://clf.jhsph.edu/projects/technical-and-scientific-resource-meatless-monday/meatless-monday-resources/meatless-monday-resourcesmeat-consumption-trends-and-health-implications .
47	46	It’s a national report card for our diet,	“U.S. Department of Agriculture and U.S. Department of Health and Human Services. Dietary Guidelines for Americans, 2020-2025. 9th Edition. December 2020. Available at DietaryGuidelines.Gov.,” n.d., accessed February 25, 2021.
48	47	And now here we are: 74% of adults and 40% of children	Rebecca L. Siegel et al., “Cancer Statistics, 2021,” CA: A Cancer Journal for Clinicians 71, no. 1 (2021): 7–33, https://doi.org/10.3322/caac.21654
49	48		“U.S. Department of Agriculture and U.S. Department of Health and Human Services. Dietary Guidelines for Americans, 2020-2025. 9th Edition. December 2020. Available at DietaryGuidelines.Gov.”
50	49	We estimate that 20% of the population has a food intolerance	M. C. E. Lomer, “Review Article: The Aetiology, Diagnosis, Mechanisms and Clinical Evidence for Food Intolerance,” Alimentary Pharmacology & Therapeutics 41, no. 3 (2015): 262–75, https://doi.org/10.1111/apt.13041 .

Chapter 2 | The GROWTH Strategy: GROW Beyond Your Food Intolerances

Our method to identify your personal food intolerances

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
51	1	The Institute of Medicine recommends	Dietary Reference Intakes for Water, Potassium, Sodium, Chloride, and Sulfate (Washington, D.C.: National Academies Press, 2005), https://doi.org/10.17226/10925 .
52	2	A damaged gut negatively affects	Robert P. Smith et al., "Gut Microbiome Diversity Is Associated with Sleep Physiology in Humans," PLoS ONE 14, no. 10 (October 7, 2019), https://doi.org/10.1371/journal.pone.0222394 .
53	3	Deprived sleep negatively affects	Christian Benedict et al., "Gut Microbiota and Glucometabolic Alterations in Response to Recurrent Partial Sleep Deprivation in Normal-Weight Young Individuals," Molecular Metabolism 5, no. 12 (2016): 1175–86, https://doi.org/10.1016/j.molmet.2016.10.003
54	4		Jason R. Anderson et al., "A Preliminary Examination of Gut Microbiota, Sleep, and Cognitive Flexibility in Healthy Older Adults," Sleep Medicine 38 (October 2017): 104–7, https://doi.org/10.1016/j.sleep.2017.07.018 .
55	5	Either way, it's important to keep track of the	Benedict et al., "Gut Microbiota and Glucometabolic Alterations in Response to Recurrent Partial Sleep Deprivation in Normal-Weight Young Individuals."
56	6	Here's my one sentence summary of the effects of stress on gut health	Habib Yaribeygi et al., "The Impact of Stress on Body Function: A Review," EXCLI Journal 16 (July 21, 2017): 1057–72, https://doi.org/10.17179/excli2017-480
57	7		J. D. Söderholm and M. H. Perdue, "Stress and Gastrointestinal Tract. II. Stress and Intestinal Barrier Function," American Journal of Physiology. Gastrointestinal and Liver Physiology 280, no. 1 (January 2001): G7–13, https://doi.org/10.1152/ajpgi.2001.280.1.G7
58	8		S. M. Collins, "Stress and the Gastrointestinal Tract

			IV. Modulation of Intestinal Inflammation by Stress: Basic Mechanisms and Clinical Relevance,” American Journal of Physiology. Gastrointestinal and Liver Physiology 280, no. 3 (March 2001): G315-318, https://doi.org/10.1152/ajpgi.2001.280.3.G315
59	9		Fatemeh Nabavizadeh et al., “Physical and Psychological Stress Have Similar Effects on Gastric Acid and Pepsin Secretions in Rat,” Journal of Stress Physiology & Biochemistry Salimi JOURNAL OF STRESS PHYSIOLOGY & BIOCHEMISTRY 7 (May 1, 2011)
60	10		Peter C. Konturek, T. Brzozowski, and S. J. Konturek, “Stress and the Gut: Pathophysiology, Clinical Consequences, Diagnostic Approach and Treatment Options,” Journal of Physiology and Pharmacology: An Official Journal of the Polish Physiological Society 62, no. 6 (December 2011): 591-99
61	11		H. Mönnikes et al., “Role of Stress in Functional Gastrointestinal Disorders. Evidence for Stress-Induced Alterations in Gastrointestinal Motility and Sensitivity,” Digestive Diseases (Basel, Switzerland) 19, no. 3 (2001): 201-11, https://doi.org/10.1159/000050681 .
62	12	Sixty percent of the weight	A. M. Stephen and J. H. Cummings, “The Microbial Contribution to Human Faecal Mass,” Journal of Medical Microbiology 13, no. 1 (February 1980): 45-56, https://doi.org/10.1099/00222615-13-1-45 .
63	13	Recent research indicates that the	Doris Vandeputte et al., “Stool Consistency Is Strongly Associated with Gut Microbiota Richness and Composition, Enterotypes and Bacterial Growth Rates,” Gut 65, no. 1 (January 2016): 57-62, https://doi.org/10.1136/gutjnl-2015-309618 .

Chapter 3 | Ruling Out the Big Three of Food Sensitivity

Let's find the root cause of your symptoms

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
64	1	Drink at least 6 (ideally 8)	M. Anti et al., "Water Supplementation Enhances the Effect of High-Fiber Diet on Stool Frequency and Laxative Consumption in Adult Patients with Functional Constipation," Hepato-Gastroenterology 45, no. 21 (June 1998): 727–32.
65	2	When you move, your colon	H PETERS et al., "Potential Benefits and Hazards of Physical Activity and Exercise on the Gastrointestinal Tract," Gut 48, no. 3 (March 2001): 435–39, https://doi.org/10.1136/gut.48.3.435
66	3		Magnus Simrén, "Physical Activity and the Gastrointestinal Tract," European Journal of Gastroenterology & Hepatology 14, no. 10 (October 2002): 1053–56, https://doi.org/10.1097/00042737-200210000-00003
67	4		Ellen Casey, Dilaawar J. Mistry, and John M. MacKnight, "Training Room Management of Medical Conditions: Sports Gastroenterology," Clinics in Sports Medicine 24, no. 3 (July 2005): 525–40, viii, https://doi.org/10.1016/j.csm.2005.05.002
68	5		Raffaella Dainese et al., "Effects of Physical Activity on Intestinal Gas Transit and Evacuation in Healthy Subjects," The American Journal of Medicine 116, no. 8 (April 15, 2004): 536–39, https://doi.org/10.1016/j.amjmed.2003.12.018
69	6		Luke Bi and George Triadafilopoulos, "Exercise and Gastrointestinal Function and Disease: An Evidence-Based Review of Risks and Benefits," Clinical Gastroenterology and Hepatology: The Official Clinical Practice Journal of the American Gastroenterological Association 1, no. 5 (September 2003): 345–55, https://doi.org/10.1053/s1542-3565(03)00178-2 .
70	7	Increased fiber intake can often	Jing Yang et al., "Effect of Dietary Fiber on Constipation: A Meta Analysis," World Journal of Gastroenterology 18, no. 48 (December 28, 2012):

			7378–83, https://doi.org/10.3748/wjg.v18.i48.7378
71	8		S. Christodoulides et al., “Systematic Review with Meta-Analysis: Effect of Fibre Supplementation on Chronic Idiopathic Constipation in Adults,” <i>Alimentary Pharmacology & Therapeutics</i> 44, no. 2 (July 2016): 103–16, https://doi.org/10.1111/apt.13662
72	9		Meredith Portalatin and Nathaniel Winstead, “Medical Management of Constipation,” <i>Clinics in Colon and Rectal Surgery</i> 25, no. 1 (March 2012): 12–19, https://doi.org/10.1055/s-0032-1301754
73	10		Lawrence Leung et al., “Chronic Constipation: An Evidence-Based Review,” <i>Journal of the American Board of Family Medicine: JABFM</i> 24, no. 4 (August 2011): 436–51, https://doi.org/10.3122/jabfm.2011.04.100272 .
74	11	Consider a fiber supplement	Johnson W. McRorie, “Evidence-Based Approach to Fiber Supplements and Clinically Meaningful Health Benefits, Part 1: What to Look for and How to Recommend an Effective Fiber Therapy,” <i>Nutrition Today</i> 50, no. 2 (March 2015): 82–89, https://doi.org/10.1097/NT.0000000000000082 .
75	12	Magnesium is great for	Lazaro Barragán-Rodríguez, Martha Rodríguez-Morán, and Fernando Guerrero-Romero, “Efficacy and Safety of Oral Magnesium Supplementation in the Treatment of Depression in the Elderly with Type 2 Diabetes: A Randomized, Equivalent Trial,” <i>Magnesium Research</i> 21, no. 4 (December 2008): 218–23
76	13		Ali Shahrami et al., “Comparison of Therapeutic Effects of Magnesium Sulfate vs. Dexamethasone/Metoclopramide on Alleviating Acute Migraine Headache,” <i>The Journal of Emergency Medicine</i> 48, no. 1 (January 2015): 69–76, https://doi.org/10.1016/j.jemermed.2014.06.055
77	14		Behnood Abbasi et al., “The Effect of Magnesium Supplementation on Primary Insomnia in Elderly: A Double-Blind Placebo-Controlled Clinical Trial,” <i>Journal of Research in Medical Sciences: The Official Journal of Isfahan University of Medical Sciences</i> 17, no. 12 (December 2012): 1161–69.
78	15	Generally you want to opt for magnesium	Hideki Mori, Jan Tack, and Hidekazu Suzuki, “Magnesium Oxide in Constipation,” <i>Nutrients</i> 13, no. 2 (January 28, 2021): 421,

			https://doi.org/10.3390/nu13020421
79	16		Sumire Mori et al., “A Randomized Double-Blind Placebo-Controlled Trial on the Effect of Magnesium Oxide in Patients With Chronic Constipation,” <i>Journal of Neurogastroenterology and Motility</i> 25, no. 4 (October 30, 2019): 563–75, https://doi.org/10.5056/jnm18194
80	17		Daisuke Morishita et al., “Senna Versus Magnesium Oxide for the Treatment of Chronic Constipation: A Randomized, Placebo-Controlled Trial,” <i>The American Journal of Gastroenterology</i> 116, no. 1 (January 1, 2021): 152–61, https://doi.org/10.14309/ajg.0000000000000942 .
81	18	Many people start pouring fiber	Kok-Sun Ho et al., “Stopping or Reducing Dietary Fiber Intake Reduces Constipation and Its Associated Symptoms,” <i>World Journal of Gastroenterology: WJG</i> 18, no. 33 (September 7, 2012): 4593–96, https://doi.org/10.3748/wjg.v18.i33.4593 .
82	19	The reason this happens is that if you	Ashok Attaluri et al., “Methanogenic Flora Is Associated with Altered Colonic Transit but Not Stool Characteristics in Constipation without IBS,” <i>The American Journal of Gastroenterology</i> 105, no. 6 (June 2010): 1407–11, https://doi.org/10.1038/ajg.2009.655 .
83	20	Believe it or not, methane	Mark Pimentel et al., “Methane, a Gas Produced by Enteric Bacteria, Slows Intestinal Transit and Augments Small Intestinal Contractile Activity,” <i>American Journal of Physiology. Gastrointestinal and Liver Physiology</i> 290, no. 6 (June 2006): G1089-1095, https://doi.org/10.1152/ajpgi.00574.2004 .
84	21	Iron deficiency anemia can set in	Srihari Mahadev et al., “Prevalence of Celiac Disease in Patients with Iron Deficiency Anemia – a Systematic Review with Meta-Analysis,” <i>Gastroenterology</i> 155, no. 2 (August 2018): 374-382.e1, https://doi.org/10.1053/j.gastro.2018.04.016 .
85	22	It’s a noninvasive blood test, and	Kaukinen et al., “HLA-DQ Typing in the Diagnosis of Celiac Disease.”
86	23	Most cases of celiac disease that I diagnose	Jonas F. Ludvigsson et al., “The Oslo Definitions for Coeliac Disease and Related Terms,” <i>Cut</i> 62, no. 1 (January 2013): 43–52, https://doi.org/10.1136/gutjnl-2011-301346

87	24		Barbara Zanini et al., “Celiac Disease With Mild Enteropathy Is Not Mild Disease,” <i>Clinical Gastroenterology and Hepatology</i> 11, no. 3 (March 1, 2013): 253–58, https://doi.org/10.1016/j.cgh.2012.09.027 .
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111	48	But on the flip side, microbiome analysis	George B. Saffouri et al., "Small Intestinal Microbial Dysbiosis Underlies Symptoms Associated with Functional Gastrointestinal Disorders," <i>Nature Communications</i> 10, no. 1 (May 1, 2019): 2012, https://doi.org/10.1038/s41467-019-09964-7 .

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Chapter 4 | FODMAPs Can Be Our Friends!

The recipes and strategy you need to master and enjoy FODMAPs

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
113	1	FODMAPs are generally not well	Kathryn Murray et al., “Differential Effects of FODMAPs (Fermentable Oligo-, Di-, Mono-Saccharides and Polyols) on Small and Large Intestinal Contents in Healthy Subjects Shown by MRI,” <i>The American Journal of Gastroenterology</i> 109, no. 1 (January 2014): 110–19, https://doi.org/10.1038/ajg.2013.386 .
114	2	They are also fermentable by our	Peter R. Gibson and Susan J. Shepherd, “Evidence-Based Dietary Management of Functional Gastrointestinal Symptoms: The FODMAP Approach,” <i>Journal of Gastroenterology and Hepatology</i> 25, no. 2 (2010): 252–58, https://doi.org/10.1111/j.1440-1746.2009.06149.x .
115	3	As we learned in Chapter 3, methane	Mark Pimentel et al., “Methane, a Gas Produced by Enteric Bacteria, Slows Intestinal Transit and Augments Small Intestinal Contractile Activity,” <i>American Journal of Physiology. Gastrointestinal and Liver Physiology</i> 290, no. 6 (June 2006): G1089-1095, https://doi.org/10.1152/ajpgi.00574.2004 .
116	4	Specifically, abdominal pain, bloating	Abigail Marsh, Enid M. Eslick, and Guy D. Eslick, “Does a Diet Low in FODMAPs Reduce Symptoms Associated with Functional Gastrointestinal Disorders? A Comprehensive Systematic Review and Meta-Analysis,” <i>European Journal of Nutrition</i> 55, no. 3 (April 2016): 897–906, https://doi.org/10.1007/s00394-015-0922-1 .
117	5	About one-third of polyols	Adrienne Lenhart and William D Chey, “A

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120	8		Lenhart and Chey, “A Systematic Review of the Effects of Polyols on Gastrointestinal Health and Irritable Bowel Syndrome.”
121	9	They increase the representation of healthy	Lenhart and Chey, “A Systematic Review of the Effects of Polyols on Gastrointestinal Health and Irritable Bowel Syndrome”
122	10		Wilson and Whelan, “Prebiotic Inulin-Type Fructans and Galacto-Oligosaccharides”
123	11		Tao He et al., “Colonic Fermentation May Play a Role in Lactose Intolerance in Humans,” <i>The Journal of Nutrition</i> 136, no. 1 (January 1, 2006): 58–63, https://doi.org/10.1093/in/136.1.58 .
124	12	Bifidobacteria are healthy microbes	Buse Usta-Gorgun and Lutfiye Yilmaz-Ersan, “Short-Chain Fatty Acids Production by Bifidobacterium Species in the Presence of Salep,” <i>Electronic Journal of Biotechnology</i> 47 (September 1, 2020): 29–35, https://doi.org/10.1016/j.ejbt.2020.06.004
125	13		Charlie G. Buffie and Eric G. Pamer, “Microbiota-Mediated Colonization Resistance against Intestinal Pathogens,” <i>Nature Reviews. Immunology</i> 13, no. 11 (November 2013): 790–801, https://doi.org/10.1038/nri3535
126	14		Mélanie G. Gareau, Philip M. Sherman, and W. Allan Walker, “Probiotics and the Gut Microbiota in Intestinal Health and Disease,” <i>Nature Reviews. Gastroenterology & Hepatology</i> 7, no. 9

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127	15		Lorena Ruiz et al., “Bifidobacteria and Their Molecular Communication with the Immune System,” <i>Frontiers in Microbiology</i> 8 (December 4, 2017), https://doi.org/10.3389/fmicb.2017.02345
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129	17	You’ll also find low levels of	Jonna Jalanka-Tuovinen et al., “Intestinal Microbiota in Healthy Adults: Temporal Analysis Reveals Individual and Common Core and Relation to Intestinal Symptoms,” <i>PLoS ONE</i> 6, no. 7 (July 28, 2011), https://doi.org/10.1371/journal.pone.0023035
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132	20	It promotes inflammation, intestinal barrier	Jane M. Natividad et al., “ <i>Bilophila Wadsworthia</i> Aggravates High Fat Diet Induced Metabolic Dysfunctions in Mice,” <i>Nature Communications</i> 9, no. 1 (18 2018): 2802, https://doi.org/10.1038/s41467-018-05249-7
133	21		David et al., “Diet Rapidly and Reproducibly Alters the Human Gut Microbiome”
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Chapter 5 | Hope for Histamine Intolerance

Histamine may be the cause of your symptoms. Here are the knowledge and recipes you need to figure it out.

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
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183	2	It also can occur with bad	Fabio M. Colombo et al., "Histamine Food Poisonings: A Systematic Review and Meta-Analysis," <i>Critical Reviews in Food Science and Nutrition</i> 58, no. 7 (May 3, 2018): 1131–51,

			https://doi.org/10.1080/10408398.2016.1242476 .
184	3	Many species of bacteria have this enzyme	Oriol Comas-Basté et al., "Histamine Intolerance: The Current State of the Art," <i>Biomolecules</i> 10, no. 8 (August 14, 2020), https://doi.org/10.3390/biom10081181 .
185	4	You'll also find these same bacteria	S. Smolinska et al., "Histamine and Gut Mucosal Immune Regulation," <i>Allergy</i> 69, no. 3 (March 2014): 273–81, https://doi.org/10.1111/all.12330
186	5		Jill Balla Kohn, "Is There a Diet for Histamine Intolerance?," <i>Journal of the Academy of Nutrition and Dietetics</i> 114, no. 11 (November 2014): 1860, https://doi.org/10.1016/j.jand.2014.09.009 .
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198	17	It’s paradoxical, until you realize that	Laura Maintz et al., “Effects of Histamine and Diamine Oxidase Activities on Pregnancy: A Critical Review,” <i>Human Reproduction Update</i> 14, no. 5 (September 1, 2008): 485–95, https://doi.org/10.1093/humupd/dmn014 .
199	18	When the body is in balance, histamine	Comas-Basté et al., “Histamine Intolerance.”
200	19	The problem is that the threshold can be	Comas-Basté et al., “Histamine Intolerance.”
201	20	Frying and grilling foods increases	Bo Young Chung et al., “Effect of Different Cooking Methods on Histamine Levels in Selected Foods,” <i>Annals of Dermatology</i> 29, no. 6 (December 2017): 706–14, https://doi.org/10.5021/ad.2017.29.6.706 .
202	21	There are also microbes living inside	Benoit Pugin et al., “A Wide Diversity of Bacteria from the Human Gut Produces and Degrades

			Biogenic Amines," <i>Microbial Ecology in Health and Disease</i> 28, no. 1 (January 1, 2017), https://doi.org/10.1080/16512235.2017.1353881 .
203	22	We don't have evidence yet that	M. Schink et al., "Microbial Patterns in Patients with Histamine Intolerance," <i>Journal of Physiology and Pharmacology: An Official Journal of the Polish Physiological Society</i> 69, no. 4 (August 2018), https://doi.org/10.26402/jpp.2018.4.09 .
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208	27	It's possible to have a gene that alters the	Pedro Ayuso et al., "Genetic Variability of Human Diamine Oxidase: Occurrence of Three Nonsynonymous Polymorphisms and Study of Their Effect on Serum Enzyme Activity," <i>Pharmacogenetics and Genomics</i> 17, no. 9 (September 2007): 687-93, https://doi.org/10.1097/FPC.0b013e328012b8e4 .
209	28	These small alterations, which can affect	L. Maintz et al., "Association of Single Nucleotide Polymorphisms in the Diamine Oxidase Gene with Diamine Oxidase Serum Activities," <i>Allergy</i> 66, no. 7 (July 2011): 893-902, https://doi.org/10.1111/j.1398-9995.2011.02548.x .
210	29	DAO activity can be	Comas-Basté et al., "Histamine Intolerance"; Laura

		inhibited by	Maintz and Natalija Novak, "Histamine and Histamine Intolerance," <i>The American Journal of Clinical Nutrition</i> 85, no. 5 (May 2007): 1185–96, https://doi.org/10.1093/ajcn/85.5.1185
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212	31		Sònia Sánchez-Pérez et al., "Biogenic Amines in Plant-Origin Foods: Are They Frequently Underestimated in Low-Histamine Diets?," <i>Foods</i> 7, no. 12 (December 14, 2018), https://doi.org/10.3390/foods7120205 .
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235	54	It's also very common for people with	Dietmar Enko et al., "Concomitant Prevalence of Low Serum Diamine Oxidase Activity and Carbohydrate Malabsorption," <i>Canadian Journal of Gastroenterology & Hepatology</i> 2016 (2016), https://doi.org/10.1155/2016/4893501 .
236	55	In a randomized, controlled trial of	Keith McIntosh et al., "FODMAPs Alter Symptoms and the Metabolome of Patients with IBS: A Randomised Controlled Trial," <i>Gut</i> 66, no. 7 (July 2017): 1241–51, https://doi.org/10.1136/gutjnl-2015-311339 .
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245	64	Benjamin Lebwohl et al., “Long Term Gluten Consumption in Adults without Celiac Disease and Risk of Coronary Heart Disease: Prospective Cohort Study,” BMJ (Clinical Research Ed.) 357 (May 2, 2017): j1892, https://doi.org/10.1136/bmj.j1892 .	
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250	69		Laura Maintz and Natalija Novak, “Histamine and Histamine Intolerance,” The American Journal of Clinical Nutrition 85, no. 5 (May 2007): 1185–96, https://doi.org/10.1093/ajcn/85.5.1185 .
251	70	Adapted from Comas-Baste et al, 2020 and Maintz et al, 2007	Comas-Basté et al., “Histamine Intolerance
252	71		Maintz and Novak, “Histamine and Histamine Intolerance.”
253	72	Our plan is to enter into an initial, temporary	Imke Reese et al., “German Guideline for the Management of Adverse Reactions to Ingested Histamine,” Allergo Journal International 26, no. 2 (2017): 72–79, https://doi.org/10.1007/s40629-017-0011-5 .
254	73	In some cases, this may need to be	Comas-Basté et al., “Histamine Intolerance.”
255	74	Adapted from Comas-Baste et al, 2020 and Maintz et al, 2007	Comas-Basté et al., “Histamine Intolerance
256	75		Maintz and Novak, “Histamine and Histamine Intolerance.”
257	76	If you have a garden and	Sònia Sánchez-Pérez et al., “Biogenic Amines in

		harvest	Plant-Origin Foods: Are They Frequently Underestimated in Low-Histamine Diets?," Foods 7, no. 12 (December 14, 2018), https://doi.org/10.3390/foods7120205 .
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259	78	Dry cooking time (minutes)	"Instant Pot Cooking Time Tables Instantpot.Com," Instant Pot (blog), accessed April 17, 2021, https://instantpot.com/instantpot-cooking-time/ .
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261	80	Deficiency is more common than you would expect	Martha Savaria Morris et al., "Plasma Pyridoxal 5'-Phosphate in the US Population: The National Health and Nutrition Examination Survey, 2003-2004," The American Journal of Clinical Nutrition 87, no. 5 (May 2008): 1446–54, https://doi.org/10.1093/ajcn/87.5.1446 .
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263	82	Ginger has been shown to improve	Mehrnaz Nikkiah Bodagh, Iradj Maleki, and Azita Hekmatdoost, "Ginger in Gastrointestinal Disorders: A Systematic Review of Clinical Trials," Food Science & Nutrition 7, no. 1 (November 5, 2018): 96–108, https://doi.org/10.1002/fsn3.807 .
264	83	It's also been shown to accelerate	Ming-Luen Hu et al., "Effect of Ginger on Gastric Motility and Symptoms of Functional Dyspepsia," World Journal of Gastroenterology : WJG 17, no. 1 (January 7, 2011): 105–10, https://doi.org/10.3748/wjg.v17.i1.105
265	84		Keng-Liang Wu et al., "Effects of Ginger on Gastric Emptying and Motility in Healthy Humans," European Journal of Gastroenterology & Hepatology 20, no. 5 (May 2008): 436–40, https://doi.org/10.1097/MEG.0b013e3282f4b224 .

266	85	Red peppers get their color from capsanthin	Norazian Mohd Hassan et al., "Carotenoids of Capsicum Fruits: Pigment Profile and Health-Promoting Functional Attributes," <i>Antioxidants</i> 8, no. 10 (October 2019): 469, https://doi.org/10.3390/antiox8100469 .
267	86	Be sure to STOP after you CHOP	Jan Borlinghaus et al., "Allicin: Chemistry and Biological Properties," <i>Molecules</i> (Basel, Switzerland) 19, no. 8 (August 19, 2014): 12591–618, https://doi.org/10.3390/molecules190812591 .
268	87	Recent research indicates that the soil microbes	Paul G. Becher et al., "Developmentally Regulated Volatiles Geosmin and 2-Methylisoborneol Attract a Soil Arthropod to Streptomyces Bacteria Promoting Spore Dispersal," <i>Nature Microbiology</i> 5, no. 6 (June 2020): 821–29, https://doi.org/10.1038/s41564-020-0697-x .
269	88	Sweet potatoes originate from	Frederic Engel, "Exploration of the Chilca Canyon, Peru," <i>Current Anthropology</i> 11, no. 1 (1970): 55–58.
270	89	Sweet potato remains have also been	Atholl Anderson and Fiona Petchey, "The Transfer of Kūmara (<i>Ipomoea Batatas</i>) from East to South Polynesia and Its Dispersal in New Zealand," <i>Journal of the Polynesian Society</i> 129, no. 4 (December 30, 2020): 351–82.
271	90	A more recent study found genetic evidence connecting	Alexander G. Ioannidis et al., "Native American Gene Flow into Polynesia Predating Easter Island Settlement," <i>Nature</i> 583, no. 7817 (July 2020): 572–77, https://doi.org/10.1038/s41586-020-2487-2 .

Chapter 6 | Sucrose, Salicylates and Synthetic Substances (Oh My!)

The other food intolerances that you need to know about

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
272	1	That's why you'll find 10 teaspoons	"Top 10 Foods Highest in Sucrose," myfooddata, accessed April 19, 2021, https://www.myfooddata.com/articles/high-sucrose-foods.php .
273	2	Historically it was thought that	M. L. Peterson and R. Herber, "Intestinal Sucrase Deficiency," Transactions of the Association of American Physicians 80 (1967): 275–83.
274	3	But more recent research has suggested	Taylor Daileida et al., "Disaccharidase Activity in Children Undergoing Esophagogastroduodenoscopy: A Systematic Review," World Journal of Gastrointestinal Pharmacology and Therapeutics 7, no. 2 (May 6, 2016): 283–93, https://doi.org/10.4292/wjgpt.v7.i2.283 .
275	4	There's a hydrogen breath test that	Claudia C. Robayo-Torres et al., "13C-Breath Tests for Sucrose Digestion in Congenital Sucrase Isomaltase Deficient and Sacrosidase Supplemented Patients," Journal of Pediatric Gastroenterology and Nutrition 48, no. 4 (April 2009): 412–18.
276	5	In people with CSID, 81%	W. R. Treem et al., "Sacrosidase Therapy for Congenital Sucrase-Isomaltase Deficiency," Journal of Pediatric Gastroenterology and Nutrition 28, no. 2 (February 1999): 137–42, https://doi.org/10.1097/00005176-199902000-00008 .
277	6	It's worth mentioning that if you do have	Ann R. McMeans, "Congenital Sucrase-Isomaltase Deficiency: Diet Assessment and Education Guidelines," Journal of Pediatric Gastroenterology and Nutrition 55 Suppl 2 (November 2012): S37-39, https://doi.org/10.1097/01.mpg.0000421410.72880.ae .
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Chapter 7 | T - Train Your Gut

The method to repair and restore function to even the most decimated gut

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Chapter 8 | H - Holistic Healing

Your gut is the micro and to heal it we need to tend to the macro

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
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326	2	Your gut microbiome may contain up to	Abdessamad El Kaoutari et al., "The Abundance and Variety of Carbohydrate-Active Enzymes in the Human Gut Microbiota," <i>Nature Reviews. Microbiology</i> 11, no. 7 (2013): 497–504, https://doi.org/10.1038/nrmicro3050 .
327	3	For example, the breakdown of type I rhamnogalacturonan	Abdessamad El Kaoutari et al., "The Abundance and Variety of Carbohydrate-Active Enzymes in the Human Gut Microbiota," <i>Nature Reviews. Microbiology</i> 11, no. 7 (2013): 497–504, https://doi.org/10.1038/nrmicro3050 .
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			https://doi.org/10.1068/ic263 .
335	11	Abebe Bikila ran an entire	Fastest Marathon Barefoot," Guinness World Records, accessed May 8, 2021, https://www.guinnessworldrecords.com/world-records/fastest-marathon-barefoot .
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340	16	Diaphragmatic breathing has been shown to	N. Ambrosino et al., "A Study of Short-Term Effect of Rehabilitative Therapy in Chronic Obstructive Pulmonary Disease," Respiration; International Review of Thoracic Diseases 41, no. 1 (1981): 40–44, https://doi.org/10.1159/000194357
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Chapter 9 | Fiber Fueled *Unleashed*

Collect your plant points and take the stage as a Fiber Fueled rock star

BOOK REF	CHAPTER REF	BEGINNING OF SENTENCE	REFERENCE
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Chapter 10 | Fermentation Nation Rising!

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415	6	The first evidence of bread making dates	Amaia Arranz-Otaegui et al., "Archaeobotanical Evidence Reveals the Origins of Bread 14,400 Years Ago in Northeastern Jordan," <i>Proceedings of the National Academy of Sciences of the United States of America</i> 115, no. 31 (31 2018): 7925–30, https://doi.org/10.1073/pnas.1801071115 .
416	7	You can enjoy sourdough bread at the	"Our Bread," Boudin Bakery, accessed July 3, 2021, https://boudinbakery.com/our-story/our-bread/ .
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Chapter 11 | You Know You Make Me Want to Sprout!

Unlock the magic of nature and enjoy the benefits

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