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## Immunology and inflammation

1. Aalberse RC, Stapel SO, Schuurman J, Rispens T. 2009. Immunoglobulin G4: an odd antibody. *Clin. Exp. Allergy*, 39: 469–77.
2. Aljada A, Mohanty P, Ghanim H, Abdo T, Tripathy D, Chaudhuri A, Dandona P. 2004. Increase in intranuclear nuclear factor kappaB and decrease in inhibitor kappaB in mononuclear cells after a mixed meal: evidence for a proinflammatory effect. *Am. J. Clin. Nutr.*, 79: 682–90.
3. Castro-Dopico T, Clatworthy MR. 2019. IgG and Fcγ Receptors in Intestinal Immunity and Inflammation. *Front. Immunol.*, 10.
4. Eisenmann A, Murr C, Fuchs D, Ledochowski M. 2009. Gliadin IgG antibodies and circulating immune complexes. *Scand. J. Gastroenterol.*, 44: 168–71.
5. Hoh RA, Boyd SD. 2018. Gut Mucosal Antibody Responses and Implications for Food Allergy. *Front. Immunol.*, 9: 2221.
6. Hotamisligil GS. 2017. Inflammation, metaflammation and immunometabolic disorders. *Nature*, 542: 177–185.
7. Huang X et al. 2018. Evolution of the IgE and IgG repertoire to a comprehensive array of allergen molecules in the first decade of life. *Allergy*, 73: 421–430.
8. Jönsson F, Mancardi DA, Kita Y, Karasuyama H, Iannascoli B, Van Rooijen N, Shimizu T, Daëron M, Bruhns P. 2011. Mouse and human neutrophils induce anaphylaxis. *J. Clin. Invest.*, 121: 1484–96.
9. Kim EH, Burks W. 2015. Immunological basis of food allergy (IgE-mediated, non-IgE-mediated, and tolerance). *Chem. Immunol. Allergy*, 101: 8–17.
10. Kitts D, Yuan Y, Joneja J, Scott F, Szilagyi A, Amiot J, Zarkadas M. 1997. Adverse reactions to food constituents: allergy, intolerance, and autoimmunity 1.
11. Metcalfe DD, Sampson H, Simon RA, Lack G. 2008. Food Allergy Adverse Reactions to Foods and Food Additives.
12. Ohsaki A, Venturelli N BT. 2018. Maternal IgG Immune Complexes Induce Food Allergen-Specific Tolerance in Offspring. 142.
13. Sheldon TA. 2000. Independent audit of IgG food intolerance tested patient survey.
14. Simeonova D, Ivanovska M, Murdjeva M, Carvalho AF, Maes M. 2018. Recognizing the Leaky Gut as a Trans-diagnostic Target for Neuro-immune Disorders Using Clinical Chemistry and Molecular Immunology Assays. 1641–1655.
15. Uzzaman A, Komarow HD. 2008. The Immunological Basis of Non-IgE-Mediated Reactions. In *Food Allergy: Adverse Reactions to foods and food additives*,. 31–46.
16. Valenta R, Hochwallner H, Linhart B, Pahr S. 2015. Food allergies: The basics. *Gastroenterology*, 148: 1120-1131.
17. Vidarsson G, Dekkers G, Rispens T. 2014. IgG subclasses and allotypes: from structure to effector functions. *Front. Immunol.*, 5: 520.
18. van der Zee JS, van Swieten P, Aalberse RC. 1986. Inhibition of complement activation by IgG4 antibodies. *Clin. Exp. Immunol.*, 64: 415–22.
19. Zeng Q et al. 2013. Variable food-specific IgG antibody levels in healthy and symptomatic Chinese adults. *PLoS One*, 8: e53612.



## Inflammatory bowel disease

1. Bentz S et al. 2010. Clinical relevance of IgG antibodies against food antigens in Crohn's disease: A double-blind cross-over diet intervention study. *Digestion*, 81: 252–264.
2. Cai C, Shen J, Zhao D, Qiao Y, Xu A, Jin S, Ran Z, Zheng Q. 2014. Serological investigation of food specific immunoglobulin G antibodies in patients with inflammatory bowel diseases. Boone DL. (ed). *PLoS One*, 9: e112154.
3. Fedor I, Zold E, Barta Z. 2019. Food-specific IgG Antibodies in Crohn's Disease: What Came First, the Chicken or the Egg? *Intern. Med.*, 2379.
4. Gologan S et al. 2012. Higher titers of anti-Saccharomyces cerevisiae antibodies IgA and IgG are associated with more aggressive phenotypes in Romanian patients with Crohn's disease. *J. Gastrointestin. Liver Dis.*, 21: 39–44.
5. Jian L, Anqi H, Gang L, Litian W, Yanyan X, Mengdi W, Tong L. 2018. Food exclusion based on IgG antibodies alleviates symptoms in ulcerative colitis: A Prospective Study. *Inflamm. Bowel Dis.*, 24: 1918–1925.
6. Kawaguchi T et al. 2015. Food antigen-induced immune responses in Crohn's disease patients and experimental colitis mice. *J Gastroenterol*, 50: 394–406.
7. MacDermott RP, Nash GS, Scott MG, Nahm MH, Bertovich MJ, Kodner IJ. 1987. Altered patterns of secretion of IgA and IgG subclasses by ulcerative colitis and Crohn's disease intestinal mononuclear cells. *Adv. Exp. Med. Biol.*, 216A: 335–44.
8. Uzunismail H, Cengiz M, Uzun H, Özbakir F, Göksel S, Demirda F, Can G, Balci H. 2012. The effects of provocation by foods with raised IgG antibodies and additives on the course of Crohn's disease: A pilot study. *Turkish J. Gastroenterol.*, 23: 19–27.
9. Wang G, Ren J, Li G, Hu Q, Gu G, Ren H, Hong Z, Li J. 2018. The utility of food antigen test in the diagnosis of Crohn's disease and remission maintenance after exclusive enteral nutrition. *Clin. Res. Hepatol. Gastroenterol.*, 42: 145–152.

## Inflammatory bowel syndrome

1. Anthoni S, Savilahti E, Rautelin H, Kolho K-L. 2009. Milk protein IgG and IgA: the association with milk-induced gastrointestinal symptoms in adults. *World J. Gastroenterol.*, 15: 4915–8.
2. Atkinson W, Sheldon T, Shaath N, Whorwell PJ. 2004. Food elimination based on IgG antibodies in irritable bowel syndrome: a randomised controlled trial. *Gut*, 53: 1459–1464.
3. Aydinlar EI, Dikmen PY, Tiftikci A, Saruc M, Aksu M, Gunsöy HG, Tozun N. 2013. IgG-based elimination diet in migraine plus irritable bowel syndrome. *Headache*, 53: 514–525.
4. Cai C, Shen J, Zhao D, Qiao Y, Xu A, Jin S, Ran Z, Zheng Q. 2014. Serological investigation of food specific immunoglobulin G antibodies in patients with inflammatory bowel diseases. Boone DL. (ed). *PLoS One*, 9: e112154.
5. 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: 514–522.
6. Fukudo S et al. 2015. Evidence-based clinical practice guidelines for irritable bowel syndrome. *J. Gastroenterol.*, 50: 11–30.
7. Guo Hong, Jiang T, Wang J, Chang Y, Guo Hai, Zhang W. 2012. The value of eliminating foods according to food-specific immunoglobulin G antibodies in irritable bowel syndrome with diarrhoea. *J. Int. Med. Res.*, 40: 204–10.
8. Isolauri E, Rautava S, Kalliomäki M. 2004. Food allergy in irritable bowel syndrome: new facts and old fallacies. *Gut*, 53: 1391–3.
9. Kim-Lee C, Suresh L, Ambrus JL. 2015. Gastrointestinal disease in Sjogren's syndrome: related to food hypersensitivities. *Springerplus*, 4: 1–5.



10. Layer P, Andresen V, Pehl C. 2011. S3-leitlinie Reizdarmsyndrom: Definition, Pathophysiologie, Diagnostik und Therapie. Gemeinsame Leitlinie der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten (DGVS. Z Gastroenterol, 49: 237–293.
11. Liebrechts T et al. 2007. Immune activation in patients with irritable bowel syndrome. Gastroenterology, 132: 913–20.
12. Mansueto P, Alcamo AD, Seidita A, Carroccio A, Mansueto P, Alcamo AD, Seidita A. 2015. 2015 Advances in Irritable Bowel Syndrome Food allergy in irritable bowel syndrome : the case of non-celiac wheat sensitivity. World J. Gastroenterol., 21: 7089–7109.
13. Mansueto P, D'Alcamo A, Seidita A, Carroccio A. 2015. Food allergy in irritable bowel syndrome: The case of non-celiac wheat sensitivity. World J. Gastroenterol., 21: 7089–109.
14. Yang C, Li Y. 2007. [The therapeutic effects of eliminating allergic foods according to food-specific IgG antibodies in irritable bowel syndrome]. Zhonghua nei ke za zhi, 46: 641–3.
15. Zuo XL, Li YQ, Li WJ, Guo YT, Lu XF, Li JM, Desmond P V. 2007. Alterations of food antigen-specific serum immunoglobulins G and E antibodies in patients with irritable bowel syndrome and functional dyspepsia. Clin. Exp. Allergy, 37: 823–30.

## Migraine

1. Alpay K, Ertas M, Orhan EK, Ustay DK, Lieners C, Baykan B. 2010. Diet restriction in migraine, based on IgG against foods: a clinical double-blind, randomised, cross-over trial. Cephalalgia, 30: 829–837.
2. Arroyave Hernández C, Echavarría Pinto M, Hernández Montiel HL. 2007. Food allergy mediated by IgG antibodies associated with migraine in adults. Rev. Alerg. Mex., 54: 162–168.
3. Aydinlar EI, Dikmen PY, Tiftikci A, Saruc M, Aksu M, Gunsoy HG, Tozun N. 2013. IgG-based elimination diet in migraine plus irritable bowel syndrome. Headache, 53: 514–525.
4. Cicioni J. 2013. Is Individualized Diet Restriction Based on IgG Against Foods Effective for Reducing Migraine Frequency in Adults Who Suffer from Migraines ? Thesis: Master of Science in Health Sciences – Physician Assistant; Philadelphia College of Osteopathic Medicine
5. Lewis JE. 2013. A pilot study eliminating immunologically-reactive foods from the diet and its effect on symptomatology and quality of life in persons with chronic migraines and headaches. Open J. Intern. Med., 03: 8–14.
6. Mitchell N, Hewitt CE, Jayakody S, Islam M, Adamson J, Watt I, Torgerson DJ. 2011. Randomised controlled trial of food elimination diet based on IgG antibodies for the prevention of migraine like headaches. Nutr. J., 10: 85.
7. Nelson-Dooley, Kaplan S, Bralley JA. 2009. Migraines and mood disorders: nutritional and dietary intervention based on laboratory testing. Altern. Ther. Health Med., 15: 56–60.
8. Pascual J, Oterino A. 2010. IgG-mediated allergy: a new mechanism for migraine attacks? Cephalalgia, 30: 777–779.
9. Rees T, Watson D, Lipscombe S. 2005. A prospective audit of food intolerance among migraine patients in primary care clinical practice. Headache Care, 2: 105–110.



## Autoimmunity

1. Ciccia F, Rizzo A, Triolo G. 2016. Subclinical gut inflammation in ankylosing spondylitis. *Curr. Opin. Rheumatol.*, 28: 89–96.
2. Coucke F. 2018. Food intolerance in patients with manifest autoimmunity. *Observational study. Autoimmun. Rev.*, 17: 1078–1080.
3. Hafstrom I. 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*, 40: 1175–1179.
4. Hvatum M, Kanerud L, Hällgren R, Brandtzaeg P. 2006. The gut-joint axis: cross reactive food antibodies in rheumatoid arthritis. *Gut*, 55: 1240–1247.
5. Kaličanin D, Brčić L, Barić A, Zlodre S, Barbalčić M, Torlak Lovrić V, Punda A, Boraska Perica V. 2019. Evaluation of correlations between food-specific antibodies and clinical aspects of Hashimoto's thyroiditis. *J. Am. Coll. Nutr.*, 38: 259–266.
6. Kim-Lee C, Suresh L, Ambrus JL. 2015. Gastrointestinal disease in Sjogren's syndrome: related to food hypersensitivities. *Springerplus*, 4: 1–5.
7. Krause M. 2005. IgG vermittelte Nahrungsmittelallergie als Auslöser von Fibromyalgie-Beschwerden und der Einfluss einer Eliminationsdiät. Dissertation zum Erwerb des Doktorgrades der Medizin an der Medizinischen Fakultät der Ludwig-Maximilians-Universität zu München.
8. Lambert J, Vojdani A. 2017. Correlation of tissue antibodies and food immune reactivity in randomly selected patient specimens. *J. Clin. Cell. Immunol.*, 8.
9. Li J, Yan H, Chen H, Ji Q, Huang S, Yang P, Liu Z, Yang B. 2016. The pathogenesis of rheumatoid arthritis is associated with milk or egg allergy. *N. Am. J. Med. Sci.*, 8: 40–6.
10. Niu Q, Wei W, Huang Z, Zhang J, Yang B, Wang L. 2019. Association between food allergy and ankylosing spondylitis – An observational study. *Medicine (Baltimore)*, 98(6).
11. Öman A, Arvonen M, Carlsson M, Christoforaki P, Poorafshar M, Bentson L. 2018. Levels of IgG antibodies against cow's milk proteins are related to disease activity in juvenile idiopathic arthritis (JIA). *Pediatr. Rheumatol.*, 16(Suppl2): 54–55.
12. Rinaldi M, Perricone R, Blank M, Perricone C, Shoenfeld Y. 2013. Anti-Saccharomyces cerevisiae autoantibodies in autoimmune diseases: from bread baking to autoimmunity. *Clin. Rev. Allergy Immunol.*, 45: 152–61.
13. Valerio A. 2019. Association between food allergy and ankylosing spondylitis: An observational study. 1–8.
14. Vojdani A. 2015a. Lectins, agglutinins, and their roles in autoimmune reactivities. *Altern. Ther. Health Med.*, 21 Suppl 1: 46–51.
15. Vojdani A. 2015b. Molecular mimicry as a mechanism for food immune reactivities and autoimmunity. *Altern. Ther. Health Med.*, 21 Suppl 1: 34–45.
16. Vojdani A, Tarash I. 2013. Cross-reaction between gliadin and different food and tissue antigens. *Food Nutr. Sci.*, 04: 20–32.



## Obesity

1. Hart GR. 2017. Food-specific IgG guided elimination diet – a strategy for weight loss? <https://www.yorktest.com/uploads/pdfs/weight-loss-whitepaper-may-2016.pdf>
2. Hotamisligil GS, Arner P, Caro JF, Atkinson RL, Spiegelman BM. 1995. Increased adipose tissue expression of tumor necrosis factor-alpha in human obesity and insulin resistance. *J. Clin. Invest.*, 95: 2409–15.
3. Hotamisligil GS, Shargill NS, Spiegelman BM. 1993. Adipose expression of tumor necrosis factor-alpha: direct role in obesity-linked insulin resistance. *Science*, 259: 87–91.
4. Kvehaugen AS, Aasbrenn M, Farup PG. 2017. Anti-Saccharomyces cerevisiae antibodies (ASCA) are associated with body fat mass and systemic inflammation, but not with dietary yeast consumption: A cross-sectional study. *BMC Obes.*, 4: 2–9.
5. Lewis J, Woolger J, Melillo A, Alonso Y. 2012. Eliminating immunologically-reactive foods from the diet and its effect on body composition and quality of life in overweight persons. *J. Obes. Weight Loss Ther.*, 02: 2–7.
6. Neuendorf R, Corn J, Hanes D, Bradley R. 2018. Impact of food immunoglobulin G-based elimination diet on subsequent food immunoglobulin G and quality of life in overweight/obese adults. *J. Altern. Complement. Med.*, acm.2018.0310.
7. Onmus MY, Avcu EC, Saklamaz A. 2016. The effect of elimination diet on weight and metabolic parameters of overweight or obese patients who have food intolerance. *J. Food Nutr. Res.*, 4: 1–5.
8. Salamati S, Martins C, Kulseng B. 2015. Baker's yeast (*Saccharomyces cerevisiae*) antigen in obese and normal weight subjects. *Clin. Obes.*, 5: 42–7.
9. Sundgren NC, Vongpatanasin W, Boggan B-MD, Tanigaki K, Yuhanna IS, Chambliss KL, Mineo C, Shaul PW. 2015. IgG receptor FcγRIIB plays a key role in obesity-induced hypertension. *Hypertens. (Dallas, Tex. 1979)*, 65: 456–62.
10. Wilders-Truschning M, Mangge H, Lieners C, Gruber H-J, Mayer C, März W. 2008. IgG antibodies against food antigens are correlated with inflammation and intima media thickness in obese juveniles. *Exp. Clin. Endocrinol. Diabetes*, 116: 241–5.

## Psychiatric disorders (depression, bipolar disorder, schizophrenia, autism, ADHS)

1. Bioeng T, Reichelt K. 2014. Gut Uptake, Brain and Behaviour. *J. Sci. Res. Reports*, 3: 2834–2847.
2. C. Nelson-Dooley, Stephanie Kaplan AB. 2009. Migraines and Mood Disorders: Nutritional and dietary intervention based on laboratory testing. *Altern. Ther.*, 15: 56–61.
3. Dickerson F et al. 2017. The association between immune markers and recent suicide attempts in patients with serious mental illness: A pilot study. *Psychiatry Res.*, 255: 8–12.
4. Dickerson F, Stallings C, Origoni A, Schroeder J, Katsafanas E, Schweinfurth L, Savage C, Khushalani S, Yolken R. 2015. Inflammatory markers in recent onset psychosis and chronic schizophrenia. *Schizophr. Bull.*, 42: 134–41.
5. Dickerson F, Stallings C, Origoni A, Vaughan C, Katsafanas E, Khushalani S, Yolken R. 2013. A combined marker of inflammation in individuals with mania. *PLoS One*, 8: 1–6.
6. Esparham AE, Smith T, Belmont JM, Haden M, Wagner LE, Evans RG, Drisko JA. 2015. Nutritional and metabolic biomarkers in autism spectrum disorders: an exploratory study. *Integr. Med.*, 14: 40–53.
7. Grether JK, Croen LA, Anderson MC, Nelson KB, Yolken RH. 2010. Neonatally measured immunoglobulins and risk of autism. *Autism Res.*, 3: 323–332.
8. Hadjivassiliou M et al. 2002. The humoral response in the pathogenesis of gluten ataxia. *Neurology*, 58: 1221–6.
9. Hart GR, Nutrition B, Hart GR. 2017. Food-specific igg guided elimination diet - a role in mental health? *BAOJ Nutr.*, 3: 3–6.



10. Hughes HK, Ashwood P. 2018. Anti-Candida albicans IgG antibodies in children with autism spectrum disorders. *Front. Psychiatry*, 9.
11. Karakula-Juchnowicz H et al. 2018. The food-specific serum IgG reactivity in major depressive disorder patients, irritable bowel syndrome patients and healthy controls. *Nutrients*, 10: 548.
12. Karakula-Juchnowicz H, Szachta P, Opolska A, Moryłowska-Topolska J, Gałęcka M, Juchnowicz D, Krukow P, Lasik Z. 2017. The role of IgG hypersensitivity in the pathogenesis and therapy of depressive disorders. *Nutr. Neurosci.*, 20: 110–118.
13. Kelly DL et al. 2019. Randomized controlled trial of a gluten-free diet in patients with schizophrenia positive for antigliadin antibodies (AGA IgG): a pilot feasibility study. *J. Psychiatry Neurosci.*, 44: 1–9.
14. Kelly JR, Kennedy PJ, Cryan JF, Dinan TG, Clarke G, Hyland NP. 2015. Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. *Front. Cell. Neurosci.*, 9: 392.
15. Leboyer M, Soreca I, Scott J, Frye M, Henry C, Tamouza R, Kupfer DJ. 2012. Can bipolar disorder be viewed as a multi-system inflammatory disease? *J. Affect. Disord.*, 141: 1–10.
16. Maes M. 1995. Evidence for an immune response in major depression: a review and hypothesis. *Prog. Neuropsychopharmacol. Biol. Psychiatry*, 19: 11–38.
17. de Magistris L et al. 2013. Antibodies against food antigens in patients with autistic spectrum disorders. *Biomed Res. Int.*, 2013: 1–11.
18. Niebuhr DW, Li Y, Cowan DN, Weber NS, Fisher JA, Ford GM, Yolken R. 2011. Association between bovine casein antibody and new onset schizophrenia among US military personnel. *Schizophr. Res.*, 128: 51–5.
19. Patel JP, Frey BN. 2015. Disruption in the blood-brain barrier: the missing link between brain and body inflammation in bipolar disorder? *Neural Plast.*, 2015: 708306.
20. Pelsser LM, Frankena K, Toorman J, Savelkoul HF, Dubois AE, Pereira RR, Haagen T a., Rommelse NN, Buitelaar JK. 2011. Effects of a restricted elimination diet on the behaviour of children with attention-deficit hyperactivity disorder (INCA study): A randomised controlled trial. *Lancet*, 377: 494–503.
21. Rao AN, Koch M, Ghosh S, Kumar VS. 2010. Food allergy investigations and its significance in autism spectrum disorders.
22. Rowland LM et al. 2017. Antigliadin antibodies (AGA IgG) are related to neurochemistry in schizophrenia. *Front. Psychiatry*, 8: 104.
23. Rudzki L et al. 2017. Immune suppression of IgG response against dairy proteins in major depression. *BMC Psychiatry*, 17: 1–13.
24. Rudzki L, Szulc A. 2018. “Immune Gate” of psychopathology – the role of gut derived immune activation in major psychiatric disorders. *Front. Psychiatry*, 9: 205.
25. Severance EG, Gressitt KL, et al. 2012. Complement C1q formation of immune complexes with milk caseins and wheat glutens in schizophrenia. *Neurobiol. Dis.*, 48: 447–53.
26. Severance EG et al. 2011. Dietary antigens, epitope recognition, and immune complex formation in recent onset psychosis and long-term schizophrenia. *Schizophr. Res.*, 126: 43–50.
27. Severance EG, Alaedini A, et al. 2012. Gastrointestinal inflammation and associated immune activation in schizophrenia. *Schizophr. Res.*, 138: 48–53.
28. Severance EG et al. 2015. IgG dynamics of dietary antigens point to cerebrospinal fluid barrier or flow dysfunction in first-episode schizophrenia. *Brain. Behav. Immun.*, 44: 148–158.
29. Severance EG et al. 2014. Seroreactive marker for inflammatory bowel disease and associations with antibodies to dietary proteins in bipolar disorder. *Bipolar Disord.*, 16: 230–240.
30. Severance Emily G. et al. 2010. Subunit and whole molecule specificity of the anti-bovine casein immune response in recent onset psychosis and schizophrenia. *Schizophr. Res.*, 118: 240–247.
31. Severance EG, Dickerson FB, Yolken RH. 2018. Autoimmune phenotypes in schizophrenia reveal novel treatment targets. *Pharmacol. Ther.*, 189: 184–198.



32. Severance Emily G, Dupont D, Dickerson FB, Stallings CR, Origoni AE, Krivogorsky B, Yang S, Haasnoot W, Yolken RH. 2010. Immune activation by casein dietary antigens in bipolar disorder. *Bipolar Disord.*, 12: 834–842.
33. Severance EG, Tveiten D, Lindström LH, Yolken RH, Reichelt KL. 2016. The gut microbiota and the emergence of autoimmunity: relevance to major psychiatric disorders. *Curr. Pharm. Des.*, 22: 6076–6086.
34. Trajkovski V, Petlichkovski A, Efinska-Mladenovska O, Trajkov D, Arsov T, Strezova A, Ajdinski L, Spiroski M. 2008. Higher plasma concentration of food-specific antibodies in persons with autistic disorder in comparison to their siblings. *Focus Autism Other Dev. Disabl.*, 23: 176–185.

## Sports / Performance

1. Hart GR. 2018. Gut microbiota, IgG – guided elimination diet and sports performance. *Gut Microbiota*, 4: 4–7.
2. Kostic-Vucicevic M, Marinkovic D, Dikic N, Stojmenovic T, Andjelkovic M, Nikolic I, Vukasinovic-Vesic M, Malic T. 2016. Is there connection between food intolerance and sports performance in elite athletes? *Br. J. Sports Med.*, 50: A20.1-A20.
3. Stockton S, Breshears K, Baker DMCA. 2014. The impact of a food elimination diet on collegiate athletes' 300-meter run time and concentration. *Glob. Adv. Heal. Med.*, 3: 25–40.

## Others (cardiovascular, dermatological, respiratory etc.)

1. Hally KE, Holley AS, Kristono GA, Harding SA, Larsen PD. 2019. Immunoglobulin G levels predicts risk of recurrent adverse cardiovascular events in myocardial infarction patients. *Acta Cardiol.*, 1–6.
2. Hardman G, Hart G. 2007. Dietary advice based on food-specific IgG results. *Nutr. Food Sci.*, 37: 16–23.
3. Hon KL, Wang SS, Pong NHH, Leung TF. 2013. Circulating immunoglobulins, leucocytes and complements in childhood-onset atopic eczema. *Indian J. Pediatr.*, 80: 128–131.
4. Kwiatkowski L, Mitchell J, Langland J. 2016. Resolution of allergic rhinitis and reactive bronchospasm with supplements and food-specific immunoglobulin G elimination: a case report. *Altern. Ther. Health Med.*, 22: 24–28.
5. Liu Y, Yan H, Shao F, Li QH, Cui M. 2018. Correlation between childhood eczema and specific IgG antibody level. *J. Biol. Regul. Homeost. Agents*, 32: 341–344.
6. Ou-Yang W-X, You J-Y, Duan B-P, Chen C-B. 2008. [Application of food allergens specific IgG antibody detection in chronic diarrhea in children]. *Zhongguo Dang Dai Er Ke Za Zhi*, 10: 21–4.
7. Rubicz R et al. 2014. Genome-wide genetic and transcriptomic investigation of variation in antibody response to dietary antigens. *Genet. Epidemiol.*, 38: 439–46.
8. Tanveer M, Ahmed A. 2019. Non-celiac gluten sensitivity – A systematic review. 29: 51–57.
9. Vance GHS, Thornton CA, Bryant TN, Warner JA, Warner JO. 2004. Ovalbumin-specific immunoglobulin G and subclass responses through the first 5 years of life in relation to duration of egg sensitization and the development of asthma. *Clin. Exp. Allergy*, 34: 1542–9.
10. Virdee K, Musset J, Baral M, Cronin C, Langland J. 2015. Food-specific IgG Antibody-guided Elimination Diets Followed by Resolution of Asthma Symptoms and Reduction in Pharmacological Interventions in Two Patients: A Case Report. *Glob. Adv. Health Med.*, 4: 62–6.
11. Wang Xiaotong et al. 2018. Relationship of serum immunoglobulin levels to blood pressure and hypertension in an adult population. *J. Hum. Hypertens.*, 32: 212–218.
12. Yusoff NA, Hampton SM, Dickerson JW, Morgan JB. 2004. The effects of exclusion of dietary egg and milk in the management of asthmatic children: a pilot study. *J. R. Soc. Promot. Health*, 124: 74–80.





## Others – Criticism IgG Tests

1. Hammond C, Lieberman JA. 2018. Unproven Diagnostic Tests for Food Allergy. *Immunol. Allergy Clin. North Am.*, 38: 153–163.
2. Jirikowski G. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG – Erwiderung 1. *DMW – Dtsch. Medizinische Wochenschrift*, 136: 1495–1496.
3. Kelso JM. 2018. Unproven Diagnostic Tests for Adverse Reactions to Foods. *J. Allergy Clin. Immunol. Pract.*, 6: 451–456.
4. Kleine-Tebbe J. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG – Erwiderung 2. *DMW – Dtsch. Medizinische Wochenschrift*, 136: 1496–1496.
5. Kleine-Tebbe J et al. 2009. Keine Empfehlung für IgG- und IgG 4 – Bestimmungen gegen Nahrungsmittel Leitlinie der Deutschen Gesellschaft für Allergologie und klinische Immunologie ( EAACI ) IgG 4 -Bestimmungen gegen Nahrungsmittel werden nicht zur Diagnostik empfohlen Positionspapier. *Allergo J.*, 18: 267–273.
6. Stapel SO, Asero R, Ballmer-Weber BK, Knol EF, Strobel S, Vieths S, Kleine-Tebbe J. 2008. Testing for IgG4 against foods is not recommended as a diagnostic tool: EAACI Task Force Report. *Allergy Eur. J. Allergy Clin. Immunol.*, 63: 793–796.
7. Weiß J. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG. *DMW – Dtsch. Medizinische Wochenschrift*, 136: p3
8. Worm M, Reese I, Schäfer C, Niggemann B, Raithe M, Werfel T. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG. *Dtsch. Medizinische Wochenschrift*, 136: 1494–1495.

## Complete list of bibliographic references

1. Aalberse RC, Stapel SO, Schuurman J, Rispens T. 2009. Immunoglobulin G4: an odd antibody. *Clin. Exp. Allergy*, 39: 469–77.
2. Aljada A, Mohanty P, Ghanim H, Abdo T, Tripathy D, Chaudhuri A, Dandona P. 2004. Increase in intranuclear nuclear factor kappaB and decrease in inhibitor kappaB in mononuclear cells after a mixed meal: evidence for a proinflammatory effect. *Am. J. Clin. Nutr.*, 79: 682–90.
3. Alpay K, Ertas M, Orhan EK, Ustay DK, Lieners C, Baykan B. 2010. Diet restriction in migraine, based on IgG against foods: a clinical double-blind, randomised, cross-over trial. *Cephalalgia*, 30: 829–837.
4. Anthoni S, Savilahti E, Rautelin H, Kolho K-L. 2009. Milk protein IgG and IgA: the association with milk-induced gastrointestinal symptoms in adults. *World J. Gastroenterol.*, 15: 4915–8.
5. Arroyave Hernández C, Echavarría Pinto M, Hernández Montiel HL. 2007. Food allergy mediated by IgG antibodies associated with migraine in adults. *Rev. Alerg. Mex.*, 54: 162–168.
6. Atkinson W, Sheldon T, Shaath N, Whorwell PJ. 2004. Food elimination based on IgG antibodies in irritable bowel syndrome: a randomised controlled trial. *Gut*, 53: 1459–1464.
7. Aydinlar EI, Dikmen PY, Tiftikci A, Saruc M, Aksu M, Gunsoy HG, Tozun N. 2013. IgG-based elimination diet in migraine plus irritable bowel syndrome. *Headache*, 53: 514–525.
8. Bentz S et al. 2010. Clinical relevance of IgG antibodies against food antigens in Crohn's disease: A double-blind cross-over diet intervention study. *Digestion*, 81: 252–264.
9. Bioeng T, Reichelt K. 2014. Gut Uptake, Brain and Behaviour. *J. Sci. Res. Reports*, 3: 2834–2847.
10. Cai C, Shen J, Zhao D, Qiao Y, Xu A, Jin S, Ran Z, Zheng Q. 2014. Serological investigation of food specific immunoglobulin G antibodies in patients with inflammatory bowel diseases. Boone DL. (ed). *PLoS One*, 9:
11. Castro-Dopico T, Clatworthy MR. 2019. IgG and Fcγ Receptors in Intestinal Immunity and Inflammation. *Front. Immunol.*, 10.
12. Ciccia F, Rizzo A, Triolo G. 2016. Subclinical gut inflammation in ankylosing spondylitis. *Curr. Opin. Rheumatol.*, 28: 89–96.



13. Cicioni J. 2013. Is Individualized Diet Restriction Based on IgG Against Foods Effective for Reducing Migraine Frequency in Adults Who Suffer from Migraines ? Philadelphia College of Osteopathic Medicine.
14. Coucke F. 2018. Food intolerance in patients with manifest autoimmunity. *Observational study. Autoimmun. Rev.*, 17: 1078–1080.
15. Dickerson F et al. 2017. The association between immune markers and recent suicide attempts in patients with serious mental illness: A pilot study. *Psychiatry Res.*, 255: 8–12.
16. Dickerson F, Stallings C, Origoni A, Schroeder J, Katsafanas E, Schweinfurth L, Savage C, Khushalani S, Yolken R. 2015. Inflammatory markers in recent onset psychosis and chronic schizophrenia. *Schizophr. Bull.*, 42: 134–141.
17. Dickerson F, Stallings C, Origoni A, Vaughan C, Katsafanas E, Khushalani S, Yolken R. 2013. A combined marker of inflammation in individuals with mania. *PLoS One*, 8: 1–6.
18. 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: 514–522.
19. Eisenmann A, Murr C, Fuchs D, Ledochowski M. 2009. Gliadin IgG antibodies and circulating immune complexes. *Scand. J. Gastroenterol.*, 44: 168–71.
20. Esparham AE, Smith T, Belmont JM, Haden M, Wagner LE, Evans RG, Drisko JA. 2015. Nutritional and metabolic biomarkers in autism spectrum disorders: an exploratory study. *Integr. Med. (Encinitas)*, 14: 40–53.
21. Fedor I, Zold E, Barta Z. 2019. Food-specific IgG Antibodies in Crohn's Disease: What Came First, the Chicken or the Egg? *Intern. Med.*, 2379.
22. Fukudo S et al. 2015. Evidence-based clinical practice guidelines for irritable bowel syndrome. *J. Gastroenterol.*, 50: 11–30.
23. Gologan S et al. 2012. Higher titers of anti-Saccharomyces cerevisiae antibodies IgA and IgG are associated with more aggressive phenotypes in Romanian patients with Crohn's disease. *J. Gastrointestin. Liver Dis.*, 21: 39–44.
24. Grether JK, Croen LA, Anderson MC, Nelson KB, Yolken RH. 2010. Neonatally measured immunoglobulins and risk of autism. *Autism Res.*, 3: 323–332.
25. Guo Hong, Jiang T, Wang J, Chang Y, Guo Hai, Zhang W. 2012. The value of eliminating foods according to food-specific immunoglobulin G antibodies in irritable bowel syndrome with diarrhoea. *J. Int. Med. Res.*, 40: 204–10.
26. Hadjivassiliou M et al. 2002. The humoral response in the pathogenesis of gluten ataxia. *Neurology*, 58: 1221–6.
27. Hafstrom I. 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*, 40: 1175–1179.
28. Hally KE, Holley AS, Kristono GA, Harding SA, Larsen PD. 2019. Immunoglobulin G levels predicts risk of recurrent adverse cardiovascular events in myocardial infarction patients. *Acta Cardiol.*, 1–6.
29. Hammond C, Lieberman JA. 2018. Unproven Diagnostic Tests for Food Allergy. *Immunol. Allergy Clin. North Am.*, 38: 153–163.
30. Hardman G, Hart G. 2007. Dietary advice based on food-specific IgG results. *Nutr. Food Sci.*, 37: 16–23.
31. Hart GR. 2017. Food-specific IgG guided elimination diet – a strategy for weight loss. 1: 1–3. <https://www.yorktest.com/uploads/pdfs/weight-loss-whitepaper-may-2016.pdf>.
32. Hart GR. 2018. Gut microbiota, IgG – guided elimination diet and sports performance. *Gut Microbiota*, 4: 4–7.
33. Hart GR, Nutrition B, Hart GR. 2017. Food-specific igg guided elimination diet – a role in mental health? *BAOJ Nutr.*, 3: 3–6.
34. Hoh RA, Boyd SD. 2018. Gut Mucosal Antibody Responses and Implications for Food Allergy. *Front. Immunol.*, 9: 2221.
35. Hon KL, Wang SS, Pong NHH, Leung TF. 2013. Circulating immunoglobulins, leucocytes and complements in childhood-onset atopic eczema. *Indian J. Pediatr.*, 80: 128–131.
36. Hotamisligil GS. 2017. Inflammation, metaflammation and immunometabolic disorders. *Nature*, 542: 177–185.
37. Hotamisligil GS, Arner P, Caro JF, Atkinson RL, Spiegelman BM. 1995. Increased adipose tissue expression of tumor necrosis factor-alpha in human obesity and insulin resistance. *J. Clin. Invest.*, 95: 2409–15.



38. Hotamisligil GS, Shargill NS, Spiegelman BM. 1993. Adipose expression of tumor necrosis factor-alpha: direct role in obesity-linked insulin resistance. *Science*, 259: 87–91.
39. Huang X et al. 2018. Evolution of the IgE and IgG repertoire to a comprehensive array of allergen molecules in the first decade of life. *Allergy*, 73: 421–430.
40. Hughes HK, Ashwood P. 2018. Anti-Candida albicans IgG antibodies in children with autism spectrum disorders. *Front. Psychiatry*, 9.
41. Hvatum M, Kanerud L, Hällgren R, Brandtzaeg P. 2006. The gut-joint axis: cross reactive food antibodies in rheumatoid arthritis. *Gut*, 55: 1240–1247.
42. Isolauri E, Rautava S, Kalliomäki M. 2004. Food allergy in irritable bowel syndrome: new facts and old fallacies. *Gut*, 53: 1391–3.
43. Jian L, Anqi H, Gang L, Litian W, Yanyan X, Mengdi W, Tong L. 2018. Food exclusion based on IgG antibodies alleviates symptoms in ulcerative colitis: a prospective study. *Inflamm. Bowel Dis.*, 24: 1918–1925.
44. Jirikowski G. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG – Erwiderung 1. *DMW – Dtsch. Medizinische Wochenschrift*, 136: 1495–1496.
45. Jönsson F, Mancardi DA, Kita Y, Karasuyama H, Iannascoli B, Van Rooijen N, Shimizu T, Daëron M, Bruhns P. 2011. Mouse and human neutrophils induce anaphylaxis. *J. Clin. Invest.*, 121: 1484–96.
46. Kaličanin D, Brčić L, Barić A, Zlodre S, Barbalić M, Torlak Lovrić V, Punda A, Boraska Perica V. 2019. Evaluation of correlations between food-specific antibodies and clinical aspects of Hashimoto's thyroiditis. *J. Am. Coll. Nutr.*, 38: 259–266.
47. Karakula-Juchnowicz H et al. 2018. The food-specific serum IgG reactivity in major depressive disorder patients, irritable bowel syndrome patients and healthy controls. *Nutrients*, 10: 548.
48. Karakula-Juchnowicz H, Szachta P, Opolska A, Moryłowska-Topolska J, Gałęcka M, Juchnowicz D, Krukow P, Lasik Z. 2017. The role of IgG hypersensitivity in the pathogenesis and therapy of depressive disorders. *Nutr. Neurosci.*, 20: 110–118.
49. Kawaguchi T et al. 2015. Food antigen-induced immune responses in Crohn's disease patients and experimental colitis mice. *J Gastroenterol*, 50: 394–406.
50. Kelly DL et al. 2019. Randomized controlled trial of a gluten-free diet in patients with schizophrenia positive for antigliadin antibodies (AGA IgG): a pilot feasibility study. *J. Psychiatry Neurosci.*, 44: 1–9.
51. Kelly JR, Kennedy PJ, Cryan JF, Dinan TG, Clarke G, Hyland NP. 2015. Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. *Front. Cell. Neurosci.*, 9: 392.
52. Kelso JM. 2018. Unproven Diagnostic Tests for Adverse Reactions to Foods. *J. Allergy Clin. Immunol. Pract.*, 6: 451-456. e1.
53. Kim-Lee C, Suresh L, Ambrus JL. 2015. Gastrointestinal disease in Sjogren's syndrome: related to food hypersensitivities. *Springerplus*, 4: 1–5.
54. Kim EH, Burks W. 2015. Immunological basis of food allergy (IgE-mediated, non-IgE-mediated, and tolerance). *Chem. Immunol. Allergy*, 101: 8–17.
55. Kitts D, Yuan Y, Joneja J, Scott F, Szilagyi A, Amiot J, Zarkadas M. 1997. Adverse reactions to food constituents: allergy, intolerance, and autoimmunity 1.
56. Kleine-Tebbe J. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG – Erwiderung 2. *DMW – Dtsch. Medizinische Wochenschrift*, 136: 1496–1496.
57. Kleine-Tebbe J et al. 2009. Keine Empfehlung für IgG- und IgG 4 – Bestimmungen gegen Nahrungsmittel Leitlinie der Deutschen Gesellschaft für Allergologie und klinische Immunologie ( EAACI ) IgG 4 -Bestimmungen gegen Nahrungsmittel werden nicht zur Diagnostik empfohlen Positionspapier. *Allergo J.*, 18: 267–273.
58. Kostic-Vucicevic M, Marinkovic D, Dikic N, Stojmenovic T, Andjelkovic M, Nikolic I, Vukasinovic-Vesic M, Malic T. 2016. Is there connection between food intolerance and sports performance in elite athletes? *Br. J. Sports Med.*, 50: A20.1-A20.
59. Krause M. 2005. IgG vermittelte Nahrungsmittelallergie als Auslöser von Fibromyalgie-Beschwerden und der Einfluss einer Eliminationsdiät. Dissertation zum Erwerb des Doktorgrades der Medizin an der Medizinischen Fakultät der Ludwig-Maximilians-Universität zu München.



60. Kvehaugen AS, Aasbrenn M, Farup PG. 2017. Anti-Saccharomyces cerevisiae antibodies (ASCA) are associated with body fat mass and systemic inflammation, but not with dietary yeast consumption: A cross-sectional study. *BMC Obes.*, 4: 2–9.
61. Kwiatkowski L, Mitchell J, Llangland J. 2016. Resolution of allergic rhinitis and reactive bronchospasm with supplements and food-specific immunoglobulin G elimination: a case report. *Altern. Ther. Health Med.*, 22: 24–28.
62. Lambert J, Vojdani A. 2017. Correlation of tissue antibodies and food immune reactivity in randomly selected patient specimens. *J. Clin. Cell. Immunol.*, 8.
63. Layer P, Andresen V, Pehl C. 2011. S3-leitlinie Reizdarmsyndrom: Definition, Pathophysiologie, Diagnostik und Therapie. Gemeinsame Leitlinie der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten (DGVS). *Z Gastroenterol.*, 49: 237–293.
64. Leboyer M, Soreca I, Scott J, Frye M, Henry C, Tamouza R, Kupfer DJ. 2012. Can bipolar disorder be viewed as a multi-system inflammatory disease? *J. Affect. Disord.*, 141: 1–10.
65. Lewis J, Woolger J, Melillo A, Alonso Y. 2012. Eliminating immunologically-reactive foods from the diet and its effect on body composition and quality of life in overweight persons. *J. Obes. Weight Loss Ther.*, 02: 2–7.
66. Lewis JE. 2013. A pilot study eliminating immunologically-reactive foods from the diet and its effect on symptomatology and quality of life in persons with chronic migraines and headaches. *Open J. Intern. Med.*, 03: 8–14.
67. Li J, Yan H, Chen H, Ji Q, Huang S, Yang P, Liu Z, Yang B. 2016. The pathogenesis of rheumatoid arthritis is associated with milk or egg allergy. *N. Am. J. Med. Sci.*, 8: 40–6.
68. Liebgrens T et al. 2007. Immune activation in patients with irritable bowel syndrome. *Gastroenterology*, 132: 913–20.
69. Liu Y, Yan H, Shao F, Li QH, Cui M. 2018. Correlation between childhood eczema and specific IgG antibody level. *J. Biol. Regul. Homeost. Agents*, 32: 341–344.
70. MacDermott RP, Nash GS, Scott MG, Nahm MH, Bertovich MJ, Kodner IJ. 1987. Altered patterns of secretion of IgA and IgG subclasses by ulcerative colitis and Crohn's disease intestinal mononuclear cells. *Adv. Exp. Med. Biol.*, 216A: 335–44.
71. Maes M. 1995. Evidence for an immune response in major depression: a review and hypothesis. *Prog. Neuropsychopharmacol. Biol. Psychiatry*, 19: 11–38.
72. de Magistris L et al. 2013. Antibodies against food antigens in patients with autistic spectrum disorders. *Biomed Res. Int.*, 2013: 1–11.
73. Mansueto P, Alcamo AD, Seidita A, Carroccio A, Mansueto P, Alcamo AD, Seidita A. 2015. 2015 Advances in Irritable Bowel Syndrome Food allergy in irritable bowel syndrome : the case of non-celiac wheat sensitivity. *World J. Gastroenterol.*, 21: 7089–7109.
74. Mansueto P, D'Alcamo A, Seidita A, Carroccio A. 2015. Food allergy in irritable bowel syndrome: The case of non-celiac wheat sensitivity. *World J. Gastroenterol.*, 21: 7089–109.
75. Metcalfe DD, Sampson H, Simon RA, Lack G. 2008. *Food Allergy Adverse Reactions to Foods and Food Additives*.
76. Mitchell N, Hewitt CE, Jayakody S, Islam M, Adamson J, Watt I, Torgerson DJ. 2011. Randomised controlled trial of food elimination diet based on IgG antibodies for the prevention of migraine like headaches. *Nutr. J.*, 10: 85.
77. Nelson-Dooley, Kaplan S, Bralley JA. 2009. Migraines and mood disorders: nutritional and dietary intervention based on laboratory testing. *Altern. Ther. Health Med.*, 15: 56–60.
78. Nelson-Dooley, Stephanie Kaplan AB. 2009. Migraines and Mood Disorders: Nutritional and dietary intervention based on laboratory testing. *Altern. Ther.*, 15: 56–61.
79. Neuendorf R, Corn J, Hanes D, Bradley R. 2018. Impact of food immunoglobulin G-based elimination diet on subsequent food immunoglobulin G and quality of life in overweight/obese adults. *J. Altern. Complement. Med.*, acm.2018.0310.
80. Niebuhr DW, Li Y, Cowan DN, Weber NS, Fisher JA, Ford GM, Yolken R. 2011. Association between bovine casein antibody and new onset schizophrenia among US military personnel. *Schizophr. Res.*, 128: 51–5.
81. Niu Q, Wei W, Huang Z, Zhang J, Yang B, Wang L. 2019. Association between food allergy and ankylosing spondylitis An observational study. *Med.*, 98.
82. Ohsaki A, Venturelli N BT. 2018. Maternal IgG Immune Complexes Induce Food Allergen-Specific Tolerance in Offspring. 142.



83. Öman A, Arvonen M, Carlsson M, Christoforaki P, Poorafshar M, Bentson L. 2018. Levels of IgG antibodies against cow's milk proteins are related to disease activity in juvenile idiopathic arthritis (JIA). *Pediatr. Rheumatol.*, 16(Suppl2): 54–55.
84. Onmus MY, Avcu EC, Saklamaz A. 2016. The effect of elimination diet on weight and metabolic parameters of overweight or obese patients who have food intolerance. *J. Food Nutr. Res.*, 4: 1–5.
85. Ou-Yang W-X, You J-Y, Duan B-P, Chen C-B. 2008. [Application of food allergens specific IgG antibody detection in chronic diarrhea in children]. *Zhongguo Dang Dai Er Ke Za Zhi*, 10: 21–4.
86. Pascual J, Oterino A. 2010. IgG-mediated allergy: a new mechanism for migraine attacks? *Cephalalgia*, 30: 777–779.
87. Patel JP, Frey BN. 2015. Disruption in the blood-brain barrier: the missing link between brain and body inflammation in bipolar disorder. *Neural Plast.*, 2015: 708306.
88. Pelsser LM, Frankena K, Toorman J, Savelkoul HF, Dubois AE, Pereira RR, Haagen T a., Rommelse NN, Buitelaar JK. 2011. Effects of a restricted elimination diet on the behaviour of children with attention-deficit hyperactivity disorder (INCA study): A randomised controlled trial. *Lancet*, 377: 494–503.
89. Rao AN, Koch M, Ghosh S, Kumar VS. 2010. Food allergy investigations and its significance in autism spectrum disorders.
90. Rees T, Watson D, Lipscombe S. 2005. A prospective audit of food intolerance among migraine patients in primary care clinical practice. *Headache Care*, 2: 105–110.
91. Rinaldi M, Perricone R, Blank M, Perricone C, Shoenfeld Y. 2013. Anti-Saccharomyces cerevisiae autoantibodies in autoimmune diseases: from bread baking to autoimmunity. *Clin. Rev. Allergy Immunol.*, 45: 152–61.
92. Rowland LM et al. 2017. Antigliadin antibodies (AGA IgG) are related to neurochemistry in schizophrenia. *Front. Psychiatry*, 8: 104.
93. Rubicz R et al. 2014. Genome-wide genetic and transcriptomic investigation of variation in antibody response to dietary antigens. *Genet. Epidemiol.*, 38: 439–46.
94. Rudzki L et al. 2017. Immune suppression of IgG response against dairy proteins in major depression. *BMC Psychiatry*, 17: 1–13.
95. Rudzki L, Szulc A. 2018. “Immune Gate” of psychopathology-The role of gut derived immune activation in major psychiatric disorders. *Front. Psychiatry*, 9: 205.
96. Salamati S, Martins C, Kulseng B. 2015. Baker's yeast (*Saccharomyces cerevisiae*) antigen in obese and normal weight subjects. *Clin. Obes.*, 5: 42–7.
97. Severance EG, Gressitt KL, et al. 2012. Complement C1q formation of immune complexes with milk caseins and wheat glutens in schizophrenia. *Neurobiol. Dis.*, 48: 447–53.
98. Severance EG et al. 2011. Dietary antigens, epitope recognition, and immune complex formation in recent onset psychosis and long-term schizophrenia. *Schizophr. Res.*, 126: 43–50.
99. Severance EG, Alaedini A, et al. 2012. Gastrointestinal inflammation and associated immune activation in schizophrenia. *Schizophr. Res.*, 138: 48–53.
100. Severance EG et al. 2015. IgG dynamics of dietary antigens point to cerebrospinal fluid barrier or flow dysfunction in first-episode schizophrenia. *Brain. Behav. Immun.*, 44: 148–158.
101. Severance EG et al. 2014. Seroreactive marker for inflammatory bowel disease and associations with antibodies to dietary proteins in bipolar disorder. *Bipolar Disord.*, 16: 230–240.
102. Severance Emily G. et al. 2010. Subunit and whole molecule specificity of the anti-bovine casein immune response in recent onset psychosis and schizophrenia. *Schizophr. Res.*, 118: 240–247.
103. Severance EG, Dickerson FB, Yolken RH. 2018. Autoimmune phenotypes in schizophrenia reveal novel treatment targets. *Pharmacol. Ther.*, 189: 184–198.
104. Severance Emily G, Dupont D, Dickerson FB, Stallings CR, Origoni AE, Krivogorsky B, Yang S, Haasnoot W, Yolken RH. 2010. Immune activation by casein dietary antigens in bipolar disorder. *Bipolar Disord.*, 12: 834–842.
105. Severance EG, Tveiten D, Lindström LH, Yolken RH, Reichelt KL. 2016. The gut microbiota and the emergence of autoimmunity: relevance to major psychiatric disorders. *Curr. Pharm. Des.*, 22: 6076–6086.



106. Sheldon TA. 2000. Independent audit of IgG food intolerance tested patient survey.
107. Simeonova D, Ivanovska M, Murdjeva M, Carvalho AF, Maes M. 2018. Recognizing the Leaky Gut as a Trans-diagnostic Target for Neuro-immune Disorders Using Clinical Chemistry and Molecular Immunology Assays. 1641–1655.
108. Stapel SO, Asero R, Ballmer-Weber BK, Knol EF, Strobel S, Vieths S, Kleine-Tebbe J. 2008. Testing for IgG4 against foods is not recommended as a diagnostic tool: EAACI Task Force Report. *Allergy Eur. J. Allergy Clin. Immunol.*, 63: 793–796.
109. Stockton S, Breshears K, Baker DMCA. 2014. The impact of a food elimination diet on collegiate athletes' 300-meter run time and concentration. *Glob. Adv. Heal. Med.*, 3: 25–40.
110. Sundgren NC, Vongpatanasin W, Boggan B-MD, Tanigaki K, Yuhanna IS, Chambliss KL, Mineo C, Shaul PW. 2015. IgG receptor FcγRIIB plays a key role in obesity-induced hypertension. *Hypertension*, 65: 456–62.
111. Tanveer M, Ahmed A. 2019. Non-celiac gluten sensitivity – A systematic review. 29: 51–57.
112. Trajkovski V, Petlichkovski A, Efinska-Mladenovska O, Trajkov D, Arsov T, Strezova A, Ajdinski L, Spiroski M. 2008. Higher plasma concentration of food-specific antibodies in persons with autistic disorder in comparison to their siblings. *Focus Autism Other Dev. Disabl.*, 23: 176–185.
113. Uzunismail H, Cengiz M, Uzun H, Özbakir F, Göksel S, Demirda F, Can G, Balci H. 2012. The effects of provocation by foods with raised IgG antibodies and additives on the course of Crohn's disease: A pilot study. *Turkish J. Gastroenterol.*, 23: 19–27.
114. Uzzaman A, Komarow HD. 2008. The Immunological Basis of Non-IgE-Mediated Reactions. In *Food Allergy: Adverse Reactions to foods and food additives.*, 31–46.
115. Valenta R, Hochwallner H, Linhart B, Pahr S. 2015. Food allergies: The basics. *Gastroenterology*, 148: 1120-1131.e4.
116. Valerio A. 2019. Association between food allergy and ankylosing spondylitis: An observational study. 1–8.
117. Vance GHS, Thornton CA, Bryant TN, Warner JA, Warner JO. 2004. Ovalbumin-specific immunoglobulin G and subclass responses through the first 5 years of life in relation to duration of egg sensitization and the development of asthma. *Clin. Exp. Allergy*, 34: 1542–9.
118. Vidarsson G, Dekkers G, Rispens T. 2014. IgG subclasses and allotypes: from structure to effector functions. *Front. Immunol.*, 5: 520.
119. Virdee K, Musset J, Baral M, Cronin C, Langland J. 2015. Food-specific IgG Antibody-guided Elimination Diets Followed by Resolution of Asthma Symptoms and Reduction in Pharmacological Interventions in Two Patients: A Case Report. *Glob. Adv. Health Med.*, 4: 62–6.
120. Vojdani A. 2015a. Lectins, agglutinins, and their roles in autoimmune reactivities. *Altern. Ther. Health Med.*, 21 Suppl 1: 46–51.
121. Vojdani A. 2015b. Molecular mimicry as a mechanism for food immune reactivities and autoimmunity. *Altern. Ther. Health Med.*, 21 Suppl 1: 34–45.
122. Vojdani A, Tarash I. 2013. Cross-Reaction between Gliadin and Different Food and Tissue Antigens. *Food Nutr. Sci.*, 04: 20–32.
123. Wang Gefei, Ren J, Li G, Hu Q, Gu G, Ren H, Hong Z, Li J. 2018. The utility of food antigen test in the diagnosis of Crohn's disease and remission maintenance after exclusive enteral nutrition. *Clin. Res. Hepatol. Gastroenterol.*, 42: 145–152.
124. Wang Xiaotong et al. 2018. Relationship of serum immunoglobulin levels to blood pressure and hypertension in an adult population. *J. Hum. Hypertens.*, 32: 212–218.
125. Weiß J. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG. *DMW – Dtsch. Medizinische Wochenschrift*, 136: p3–p3.
126. Wilders-Truschnig M, Mangge H, Lieners C, Gruber H-J, Mayer C, März W. 2008. IgG antibodies against food antigens are correlated with inflammation and intima media thickness in obese juveniles. *Exp. Clin. Endocrinol. Diabetes*, 116: 241–5.
127. Worm M, Reese I, Schäfer C, Niggemann B, Raithel M, Werfel T. 2011. Diagnose von Nahrungsmittelallergien: Streitfall IgG. *Dtsch. Medizinische Wochenschrift*, 136: 1494–1495.



128. Yang C, Li Y. 2007. [The therapeutic effects of eliminating allergic foods according to food-specific IgG antibodies in irritable bowel syndrome]. *Zhonghua nei ke za zhi*, 46: 641–3.
129. Yusoff NA, Hampton SM, Dickerson JW, Morgan JB. 2004. The effects of exclusion of dietary egg and milk in the management of asthmatic children: a pilot study. *J. R. Soc. Promot. Health*, 124: 74–80.
130. van der Zee JS, van Swieten P, Aalberse RC. 1986. Inhibition of complement activation by IgG4 antibodies. *Clin. Exp. Immunol.*, 64: 415–22.
131. Zeng Q et al. 2013. Variable food-specific IgG antibody levels in healthy and symptomatic Chinese adults. *PLoS One*, 8: e53612.
132. Zuo XL, Li YQ, Li WJ, Guo YT, Lu XF, Li JM, Desmond P V. 2007. Alterations of food antigen-specific serum immunoglobulins G and E antibodies in patients with irritable bowel syndrome and functional dyspepsia. *Clin. Exp. Allergy*, 37: 823–30.

