

## Références scientifiques

### IgG – IgG4 Hypersensibilité de type III

- 1) Testing for IgG4 against foods is not recommended as a diagnostic tool: EAACI Task Force Report. Steven O. Stapel , R. Asero , B. K. Ballmer-Weber 3 , E. F. Knol , S. Strobel , S. Vieths , J. Kleine-Tebbe *Allergy* (2008) 63:793–796.
- 2) Carr, Stuart et al. “CSACI Position statement on the testing of food-specific IgG.” *Allergy, asthma, and clinical immunology : official journal of the Canadian Society of Allergy and Clinical Immunology* vol. 8,1 12. 26 Jul. 2012, doi:10.1186/1710-1492-8-12
- 3) Tordesillas, Leticia, and M Cecilia Berin. “Mechanisms of Oral Tolerance.” *Clinical reviews in allergy & immunology* vol. 55,2 (2018): 107-117. doi:10.1007/s12016-018-8680-5
- 4) Vidarsson, Gestur et al. “IgG subclasses and allotypes: from structure to effector functions.” *Frontiers in immunology* vol. 5 520. 20 Oct. 2014, doi:10.3389/fimmu.2014.00520
- 5) Scott-Taylor, Timothy H et al. “Immunoglobulin G; structure and functional implications of different subclass modifications in initiation and resolution of allergy.” *Immunity, inflammation and disease* vol. 6,1 (2018): 13-33. doi:10.1002/iid3.192
- 6) Vogelpoel, Lisa T C et al. “Control of cytokine production by human fc gamma receptors: implications for pathogen defense and autoimmunity.” *Frontiers in immunology* vol. 6 79. 24 Feb. 2015, doi:10.3389/fimmu.2015.00079
- 7) van der Zee, J S et al. “Inhibition of complement activation by IgG4 antibodies.” *Clinical and experimental immunology* vol. 64,2 (1986): 415-22.
- 8) Usman N, Annamaraju P. Type III Hypersensitivity Reaction. [Updated 2021 Aug 22]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK559122/>
- 9) Jönsson, F.; Mancardi, D.A.; Kita, Y.; Karasuyama, H.; Iannascoli, B.; Van Rooijen, N.; Shimizu, T.; Daëron, M.; Bruhns, P. Mouse and human neutrophils induce anaphylaxis. *J. Clin. Invest.* **2011**, *1*, 1484–1496.

### Hyperperméabilité intestinale - Auto-immunité

- 10) Chen, Tao et al. “Food allergens affect the intestinal tight junction permeability in inducing intestinal food allergy in rats.” *Asian Pacific journal of allergy and immunology* vol. 32,4 (2014): 345-53. doi:10.12932/AP0443.32.4.2014
- 11) Omenetti, Sara, and Theresa T Pizarro. “The Treg/Th17 Axis: A Dynamic Balance Regulated by the Gut Microbiome.” *Frontiers in immunology* vol. 6 639. 17 Dec. 2015, doi:10.3389/fimmu.2015.00639
- 12) Mu, Qinghui et al. “Leaky Gut As a Danger Signal for Autoimmune Diseases.” *Frontiers in immunology* vol. 8 598. 23 May. 2017, doi:10.3389/fimmu.2017.00598
- 13) Pandiyan, Pushpa et al. “Microbiome Dependent Regulation of T<sub>regs</sub> and Th17 Cells in Mucosa.” *Frontiers in immunology* vol. 10 426. 8 Mar. 2019, doi:10.3389/fimmu.2019.00426
- 14) Lerner, Aaron, and Torsten Matthias. “Changes in intestinal tight junction permeability associated with industrial food additives explain the rising incidence of autoimmune disease.” *Autoimmunity reviews* vol. 14,6 (2015): 479-89. doi:10.1016/j.autrev.2015.01.009
- 15) Fasano A., Leaky gut and autoimmune diseases. *Clin Rev Allergy Immunol.* 2012 Feb;42(1):71-8
- 16) Molecular mimicry as a mechanism for food immune reactivities and autoimmunity. *Vojdani A . Altern Ther Health Med.* 2015;21 Suppl 1:34-45.
- 17) Wildner, Gerhild, and Maria Diedrichs-Möhring. “Autoimmune uveitis and antigenic mimicry of environmental antigens.” *Autoimmunity reviews* vol. 3,5 (2004): 383-7. doi:10.1016/j.autrev.2004.01.002
- 18) Kharrazian D. Gluten Ataxia Associated with Dietary Protein Cross-Reactivity with GAD-65. *Reports.* 2020; 3(3):24. <https://doi.org/10.3390/reports3030024>

- 19) Lambert, J.; Vojdani, A., Correlation of tissue antibodies and food immune reactivity in randomly selected patient specimens. *J Clin Cell Immunol* 2017, 8, 521.
- 20) Cross-Reaction between Gliadin and Different Food and Tissue Antigens Aristo Vojdani, Igal Tarash *Food and Nutrition Sciences*, 2013, 4, 20-32
- 21) Aristo Vojdani, Lydia R. Gushgari, Elroy Vojdani, Interaction between food antigens and the immune system: Association with autoimmune disorders, *Autoimmunity Reviews*, Volume 19, Issue 3, 2020, 102459, ISSN 1568-9972,

### **Hashimoto – Thyroidite auto-immune**

- 22) Ostrowska, Lucyna et al. “The Influence of Reducing Diets on Changes in Thyroid Parameters in Women Suffering from Obesity and Hashimoto's Disease.” *Nutrients* vol. 13,3 862. 5 Mar. 2021, doi:10.3390/nu13030862
- 23) Schmidt, Matthias et al. “Long-term follow-up of antithyroid peroxidase antibodies in patients with chronic autoimmune thyroiditis (Hashimoto's thyroiditis) treated with levothyroxine.” *Thyroid : official journal of the American Thyroid Association* vol. 18,7 (2008): 755-60. doi:10.1089/thy.2008.0008

### **Colon irritable – Maladie de Crohn**

- 24) Atkinson, W et al. “Food elimination based on IgG antibodies in irritable bowel syndrome: a randomised controlled trial.” *Gut* vol. 53,10 (2004): 1459-64. doi:10.1136/gut.2003.037697
- 25) Isolauri, E et al. “Food allergy in irritable bowel syndrome: new facts and old fallacies.” *Gut* vol. 53,10 (2004): 1391-3. doi:10.1136/gut.2004.044990
- 26) Guo, Hong et al. “The value of eliminating foods according to food-specific immunoglobulin G antibodies in irritable bowel syndrome with diarrhoea.” *The Journal of international medical research* vol. 40,1 (2012): 204-10. doi:10.1177/147323001204000121
- 27) Ostrowska, Lucyna et al. “IgG Food Antibody Guided Elimination-Rotation Diet Was More Effective than FODMAP Diet and Control Diet in the Treatment of Women with Mixed IBS- Results from an Open Label Study.” *Journal of clinical medicine* vol. 10,19 4317. 23 Sep. 2021, doi:10.3390/jcm10194317
- 28) Cai, Chenwen et al. “Serological investigation of food specific immunoglobulin G antibodies in patients with inflammatory bowel diseases.” *PloS one* vol. 9,11 e112154. 13 Nov. 2014, doi:10.1371/journal.pone.0112154
- 29) Xiao, Nanping et al. “Food-specific IgGs Are Highly Increased in the Sera of Patients with Inflammatory Bowel Disease and Are Clinically Relevant to the Pathogenesis.” *Internal medicine (Tokyo, Japan)* vol. 57,19 (2018): 2787-2798. doi:10.2169/internalmedicine.9377-17
- 30) Xie, Y., Zhou, G., Xu, Y., He, B., Wang, Y., Ma, R., ... Xiao, Z. (2019). Effects of Diet Based on IgG Elimination Combined with Probiotics on Migraine Plus Irritable Bowel Syndrome. *Pain Research & Management*, 2019, 7890461.
- 31) Bentz, S et al. “Clinical relevance of IgG antibodies against food antigens in Crohn's disease: a double-blind cross-over diet intervention study.” *Digestion* vol. 81,4 (2010): 252-64. doi:10.1159/000264649
- 32) Uzunismail, H., Cengiz, M., Uzun, H., et al., (2012). The effects of provocation by foods with raised IgG antibodies and additives on the course of Crohn's disease: A pilot study. *Turkish Journal of Gastroenterology* 23(1), 19-27. DOI: 10.4318/tjg.2012.0332

### **Migraine**

- 33) Aydinlar, Elif Ilgaz et al. “IgG-based elimination diet in migraine plus irritable bowel syndrome.” *Headache* vol. 53,3 (2013): 514-25. doi:10.1111/j.1526-4610.2012.02296.x

- 34) Alpay, Kadriye et al. "Diet restriction in migraine, based on IgG against foods: a clinical double-blind, randomised, cross-over trial." *Cephalalgia : an international journal of headache* vol. 30,7 (2010): 829-37. doi:10.1177/0333102410361404
- 35) Pascual, Julio, and Agustín Oterino. "IgG-mediated allergy: a new mechanism for migraine attacks?." *Cephalalgia : an international journal of headache* vol. 30,7 (2010): 777-9. doi:10.1177/0333102410364856
- 36) Mitchell, Natasha et al. "Randomised controlled trial of food elimination diet based on IgG antibodies for the prevention of migraine like headaches." *Nutrition journal* vol. 10 85. 11 Aug. 2011, doi:10.1186/1475-2891-10-85
- 37) Geiselman, James F. "The Clinical Use of IgG Food Sensitivity Testing with Migraine Headache Patients: a Literature Review." *Current pain and headache reports* vol. 23,11 79. 27 Aug. 2019, doi:10.1007/s11916-019-0819-4
- 38) Zhao, Zhiming et al. "Association of Migraine with Its Comorbidities and Food Specific Immunoglobulin G Antibodies and Inflammatory Cytokines: Cross-Sectional Clinical Research." *Journal of pain research* vol. 14 2359-2368. 5 Aug. 2021, doi:10.2147/JPR.S316619

### **Hypertension artérielle - Obésité**

- 39) Wilders-Truschnig, M et al. "IgG antibodies against food antigens are correlated with inflammation and intima media thickness in obese juveniles." *Experimental and clinical endocrinology & diabetes : official journal, German Society of Endocrinology [and] German Diabetes Association* vol. 116,4 (2008): 241-5. doi:10.1055/s-2007-993165
- 40) Sundgren, Nathan C et al. "IgG receptor FcγRIIB plays a key role in obesity-induced hypertension." *Hypertension (Dallas, Tex. : 1979)* vol. 65,2 (2015): 456-62. doi:10.1161/HYPERTENSIONAHA.114.04670
- 41) Meltem Yaman Onmus, Elif Cakirca Avcu, Ali Saklamaz. The Effect of Elimination Diet on Weight and Metabolic Parameters of Overweight or Obese Patients Who Have Food Intolerance. *Journal of Food and Nutrition Research*. Vol. 4, No. 1, 2016, pp 1-5. <http://pubs.sciepub.com/jfnr/4/1/1>

### **Arthrite rhumatoïde**

- 42) Hvatum M, Kanerud L, Hällgren R, et al. The gut–joint axis: cross reactive food antibodies in rheumatoid arthritis *Gut* 2006;55:1240-1247.
- 43) Li, Jianjie et al. "The Pathogenesis of Rheumatoid Arthritis is Associated with Milk or Egg Allergy." *North American journal of medical sciences* vol. 8,1 (2016): 40-6. doi:10.4103/1947-2714.175206
- 44) Niu, Qian et al. "Association between food allergy and ankylosing spondylitis: An observational study." *Medicine* vol. 98,6 (2019): e14421. doi:10.1097/MD.00000000000014421
- 45) Li J, Yan H, Chen H, et al. The Pathogenesis of Rheumatoid Arthritis is Associated with Milk or Egg Allergy. *North American Journal of Medical Sciences*. 2016 Jan;8(1):40-46. DOI: 10.4103/1947-2714.175206. PMID: 27011946; PMCID: PMC4784182.

### **Dépression- troubles de comportement**

- 46) Karakula-Juchnowicz, Hanna et al. "The Food-Specific Serum IgG Reactivity in Major Depressive Disorder Patients, Irritable Bowel Syndrome Patients and Healthy Controls." *Nutrients* vol. 10,5 548. 28 Apr. 2018, doi:10.3390/nu10050548
- 47) Tao, Ran et al. "Chronic Food Antigen-specific IgG-mediated Hypersensitivity Reaction as A Risk Factor for Adolescent Depressive Disorder." *Genomics, proteomics & bioinformatics* vol. 17,2 (2019): 183-189. doi:10.1016/j.gpb.2019.05.002

- 48) Aucoin, Monique, and Sukriti Bhardwaj. "Major Depressive Disorder and Food Hypersensitivity: A Case Report." *Neuropsychobiology* vol. 78,4 (2019): 249-255. doi:10.1159/000502963
- 49) Hanna Karakuła-Juchnowicz, Patrycja Szachta, Aneta Opolska, Justyna Moryłowska-Topolska, Mirosława Gałęcka, Dariusz Juchnowicz, Paweł Krukow & Zofia Lasik (2017) The role of IgG hypersensitivity in the pathogenesis and therapy of depressive disorders, *Nutritional Neuroscience*, 20:2, 110-118, DOI: [10.1179/1476830514Y.0000000158](https://doi.org/10.1179/1476830514Y.0000000158)
- 50) Rudzki, Leszek et al. "Immune suppression of IgG response against dairy proteins in major depression." *BMC psychiatry* vol. 17,1 268. 24 Jul. 2017, doi:10.1186/s12888-017-1431-y
- 51) Vasefi, Maryam et al. "Diet Associated with Inflammation and Alzheimer's Disease." *Journal of Alzheimer's disease reports* vol. 3,1 299-309. 16 Nov. 2019, doi:10.3233/ADR-190152
- 52) de Magistris, Laura et al. "Antibodies against food antigens in patients with autistic spectrum disorders." *BioMed research international* vol. 2013 (2013): 729349. doi:10.1155/2013/729349

### **Asthme**

- 53) Virdee, Kulveen et al. "Food-specific IgG Antibody-guided Elimination Diets Followed by Resolution of Asthma Symptoms and Reduction in Pharmacological Interventions in Two Patients: A Case Report." *Global advances in health and medicine* vol. 4,1 (2015): 62-6. doi:10.7453/gahmj.2014.068
- 54) Darougar, Sepideh et al. "The effect of a cow's milk-free diet on asthma control in children: a quasi-experimental study." *American journal of clinical and experimental immunology* vol. 10,1 8-16. 15 Feb. 2021
- 55) Manzel, Arndt et al. "Role of "Western diet" in inflammatory autoimmune diseases." *Current allergy and asthma reports* vol. 14,1 (2014): 404. doi:10.1007/s11882-013-0404-6

### **Eczéma**

- 56) Jia Qi et al. Analysis on relationship between specific IgG antibodies of 14 food allergens and allergic skin diseases. *Biomedical Research* 2017; 28 (22): 9982-9985
- 57) Circulating immunoglobulins, leucocytes and complements in childhood-onset atopic eczema. Hon KL1, Wang SS, Pong NH, Leung TF. *Indian J Pediatr.* 2013 Feb;80(2):128-31.
- 58) Cannistrà C New perspectives in the treatment of hidradenitis suppurativa: surgery and brewer's yeast-exclusion diet. *Surgery.* 2013 Nov;154(5):1126-30.
- 59) « Hidradenitis suppurativa ». [rarediseases.info.nih.gov](http://rarediseases.info.nih.gov). 2017. Archived from the original on 28 July 2017.

### **Divers**

- 60) Bazar, Kimberly A et al. "Obesity and ADHD may represent different manifestations of a common environmental oversampling syndrome: a model for revealing mechanistic overlap among cognitive, metabolic, and inflammatory disorders." *Medical hypotheses* vol. 66,2 (2006): 263-9. doi:10.1016/j.mehy.2005.02.042
- 61) *Lebensmittelunverträglichkeit, Allergie Typ 3 erkennen und richtig behandeln.* Hans J. Schwyn, Camille Lieners AT- Verlag, (2009) ISBN-10: 3038004154
- 62) Mario Krause, IgG mediated food allergy as trigger of fibromyalgia complaints and the influence of an elimination diet. Faculty of Ludwig Maximilian University of Munich 2005
- 63) Comed ImuPro Application Study, 2002-2008; evaluated by Mediveritas Institute for Medical Studies, Munich