

Oméga-11 : fin de règne pour les oméga-3 ?

1. Østbye TK *et al.* The long-chain monounsaturated cetoleic acid improves the efficiency of the n-3 fatty acid metabolic pathway in Atlantic salmon and human HepG2 cells. *Br J Nutr.* 2019 Oct 14;122(7):755-768.
2. Tobin D *et al.* The effect of fish oil rich in cetoleic acid on the omega-3 index and skin quality. *Prostaglandins Leukot Essent Fatty Acids.* 2024 Feb;201:102616.
3. Mjaatveit M, Oldernes H, Gudbrandsen OA. Effects of diets containing fish oils or fish oil concentrates with high cetoleic acid content on the circulating cholesterol concentration in rodents. A systematic review and meta-analysis. *Br J Nutr.* 2024 Feb 28;131(4):606-621.
4. Rimmens EV *et al.* Intake of herring oil, but not of anchovy oil, resulted in a lower serum cholesterol concentration in male Zucker Diabetic Sprague Dawley rats. *Br J Nutr.* 2024 Sep 14;132(5):547-557.
5. Hansen K *et al.* Supplementation with a cetoleic acid concentrate decreased the serum LDL-cholesterol concentration in healthy adults with overweight or obesity. A randomised double-blind controlled clinical trial. *British Journal of Nutrition.* 2026;1-10.
6. Yang ZH *et al.* Dietary supplementation with long-chain monounsaturated fatty acid isomers decreases atherosclerosis and alters lipoprotein proteomes in LDLr-/- mice. *Atherosclerosis.* 2017 Jul;262:31-38.
7. Yang ZH *et al.* Long-chain monounsaturated fatty acid-rich fish oil attenuates the development of atherosclerosis in mouse models. *Mol Nutr Food Res.* 2016 Oct;60(10):2208-2218.
8. Tang PA *et al.* Cetoleic acid and other long-chain unsaturated fatty acids as neuroprotective nutraceuticals. *Lipids Health Dis.* 2026 Feb 16;25(1):86.
9. Hansen A *et al.* Intake of a cetoleic acid concentrate lowered concentrations of markers of inflammation and macrophage infiltration but did probably not increase EPA biosynthesis in male obese Zucker fa/fa rats. *Br J Nutr.* 2025 Dec 14;134(11):881-891.

Bouche et dents : arrêtez le massacre et adoptez la méthode STAR

1. Marsh PD. Microbial ecology of dental plaque and its significance in health and disease. *Adv Dent Res.* 1994;8(2):263-271. doi:10.1177/08959374940080022001.
2. Hajishengallis G, Chavakis T. Local and systemic mechanisms linking periodontal disease and inflammatory comorbidities. *Nat Rev Immunol.* 2021;21(7):426-440. doi:10.1038/s41577-020-00488-6.
3. Sanz M, Ceriello A, Buysschaert M, Chapple I, Demmer RT, Graziani F, *et al.* Scientific evidence on the links between periodontal diseases and diabetes: consensus report and guidelines of the joint workshop by the International Diabetes Federation and the European Federation of Periodontology. *Diabetes Res Clin Pract.* 2018;137:231-241. doi:10.1016/j.diabres.2017.12.001.
4. Sanz M, Del Castillo AM, Jepsen S, Gonzalez-Juanatey JR, D'Aiuto F, Bouchard P, *et al.* Periodontitis and cardiovascular diseases: consensus report. *J Clin Periodontol.* 2020;47(3):268-288. doi:10.1111/jcpe.13189.
5. Herrera D, Sanz M, Shapira L, *et al.* Periodontal diseases and cardiovascular diseases, diabetes, and respiratory diseases: summary of the consensus report by the European Federation of Periodontology and WONCA Europe. *Eur J Gen Pract.* 2024;30(1):2320120. doi:10.1080/13814788.2024.2320120.
6. Marsh PD. Microbial ecology of dental plaque and its significance in health and disease. *Adv Dent Res.* 1994;8(2):263-271. doi:10.1177/08959374940080022001.
7. Takahashi N, Nyvad B. The role of bacteria in the caries process: ecological perspectives. *J Dent Res.* 2011;90(3):294-303. doi:10.1177/0022034510379602.
8. Dawes C. What is the critical pH and why does a tooth dissolve in acid? *J Can Dent Assoc.* 2003;69(11):722-724.
9. Hajishengallis G, Chavakis T. Local and systemic mechanisms linking periodontal disease and inflammatory comorbidities. *Nat Rev Immunol.* 2021;21(7):426-440. doi:10.1038/s41577-020-00488-6.
10. Sanz M, Herrera D, Kerschull M, Chapple I, Jepsen S, Beglundh T, *et al.* Treatment of stage I-III periodontitis: the EFP S3 level clinical practice guideline. *J Clin Periodontol.* 2020;47 Suppl 22:4-60. doi:10.1111/jcpe.13290.
11. Sanz M, Ceriello A, Buysschaert M, Chapple I, Demmer RT, Graziani F, *et al.* Scientific evidence on the links between periodontal diseases and diabetes: consensus report and guidelines of the joint workshop by the International Diabetes Federation and the European Federation of Periodontology. *Diabetes Res Clin Pract.* 2018;137:231-241. doi:10.1016/j.diabres.2017.12.001.
12. Herrera D, Sanz M, Shapira L, *et al.* Periodontal diseases and cardiovascular diseases, diabetes, and respiratory diseases: summary of the consensus report by the European Federation of Periodontology and WONCA Europe. *Eur J Gen Pract.* 2024;30(1):2320120. doi:10.1080/13814788.2024.2320120.
13. Sanz M, Ceriello A, Buysschaert M, Chapple I, Demmer RT, Graziani F, *et al.* Scientific evidence on the links between periodontal diseases and diabetes: consensus report and guidelines of the joint workshop by the International Diabetes Federation and the European Federation of Periodontology. *Diabetes Res Clin Pract.* 2018;137:231-241. doi:10.1016/j.diabres.2017.12.001.
14. Khan AJ, Rahman I, Beg HA, Akter S, Haque R, Monsur DT, Rani H, Mohd Dom TN. Association of periodontitis and tooth loss with cognitive decline in the older adults - a systematic review. *BMC Oral Health.* 2026;26(1):811. doi:10.1186/s12903-026-08310-w.
15. Li F, Liang X, Li J, Jiang Y, *et al.* Oral microbiome perturbations link periodontal health to cognitive ageing in a large community cohort. *EBioMedicine.* 2026;126:106231. doi:10.1016/j.ebiom.2026.106231.
16. Brandtzaeg P. Secretory immunity with special reference to the oral cavity. *J Oral Microbiol.* 2013;5:20401. doi:10.3402/jom.v5i0.20401.
17. Khan AJ, Rahman I, Beg HA, Akter S, Haque R, Monsur DT, Rani H, Mohd Dom TN. Association of periodontitis and tooth loss with cognitive decline in the older adults - a systematic review. *BMC Oral Health.* 2026;26(1):811. doi:10.1186/s12903-026-08310-w.
18. Mantis NJ, Rol N, Corthésy B. Secretory IgA's complex roles in immunity and mucosal homeostasis in the gut. *Mucosal Immunol.* 2011;4(6):603-611. doi:10.1038/mi.2011.41.
19. Engeland CG, Hugo FN, Hilgert JB, Nascimento GG, Junges R, Lim HJ, Marucha PT, Bosch JA. Psychological distress and salivary secretory immunity. *Brain Behav Immun.* 2016;52:11-17. doi:10.1016/j.bbi.2015.08.017.
20. Park SY, Hwang BO, Lim M, Ok SH, Lee SK, Chun KS, Park KK, Hu Y, Chung WY, Song NY. Oral-gut microbiome axis in gastrointestinal disease and cancer. *Cancers (Basel).* 2021;13(9):2124. doi:10.3390/cancers1309124.
21. Li Z, Liu J, Li J, Zhou Z, Huang X, Gopinath D, Luo P, Wang Q, Shan D. Fusobacterium in the microbiome: from health to disease across the oral-gut axis and beyond. *npj Biofilms Microbiomes.* 2025;11(1):200. doi:10.1038/s41522-025-00838-z.
22. Morou-Bermúdez E, Torres-Colón JE, Bermúdez NS, Patel RP, Josphura KJ. Pathways linking oral bacteria, nitric oxide metabolism, and health. *J Dent Res.* 2022;101(6):623-631. doi:10.1177/00220345211064571.
23. Halasabalu Kalgeri S, Bheemasamudra Balaraj S, Shivakumar AT, G. Doddawad V, Basapur Vijayakumar D, H. S. S, Aradya A, Mysore Shankar P, Doggalli N, Bharadwaj SR. Impact of polypharmacy on oral health in the elderly: challenges and management. *Front Dent Med.* 2026;7:1758771. doi:10.3389/fdmed.2026.1758771.
24. Poudel S, *et al.* Impact of xerostomia on dental treatment outcomes: a systematic review. *BMC Oral Health.* 2026. doi:10.1186/s12903-026-07815-8.
25. Manzoor M, Pussinen PJ, Saarela RKT, Hiltunen K, Mäntylä P. Metagenomic analysis of the denture-associated oral microbiome in patients with denture stomatitis. *Sci Rep.* 2025;15(1):31913. doi:10.1038/s41598-025-16915-4.
26. Worthington HV, MacDonald L, Poklepovic Pericic T, Sambunjak D, Johnson TM, Imai P, Clarkson JE. Home use of interdental cleaning devices, in addition to toothbrushing, for preventing and controlling periodontal diseases and dental caries. *Cochrane Database Syst Rev.* 2019;4:CD012018. doi:10.1002/14651858.CD012018.pub2.

27. Sanz M, Herrera D, Kebschull M, Chapple I, Jepsen S, Beglundh T, et al. Treatment of stage I-III periodontitis: the EFP S3 level clinical practice guideline. *J Clin Periodontol*. 2020;47 Suppl 22:4-60. doi:10.1111/jcpe.13290.
28. Li Z, Liu J, Li J, Zhou Z, Huang X, Gopinath D, Luo P, Wang Q, Shan D. Fusobacterium in the microbiome: from health to disease across the oral-gut axis and beyond. *npj Biofilms Microbiomes*. 2025;11(1):200. doi:10.1038/s41522-025-00838-z.
29. Sanz M, Herrera D, Kebschull M, Chapple I, Jepsen S, Beglundh T, et al. Treatment of stage I-III periodontitis: the EFP S3 level clinical practice guideline. *J Clin Periodontol*. 2020;47 Suppl 22:4-60. doi:10.1111/jcpe.13290.
30. Dawes C. What is the critical pH and why does a tooth dissolve in acid? *J Can Dent Assoc*. 2003;69(11):722-724.
31. Benavides-Reyes C, Cabello I, Magán-Fernández A, Rodríguez-Barranco M, Usta SN, Mesa F. Clinical effects of probiotics on the treatment of gingivitis and periodontitis: a systematic review and meta-analysis. *BMC Oral Health*. 2025;25:490. doi:10.1186/s12903-025-05888-5.
32. Mendonça CD, et al. Probiotics in the non-surgical treatment of periodontitis: a systematic review and network meta-analysis. *BMC Oral Health*. 2024;24:1224. doi:10.1186/s12903-024-05027-6.
33. Relvas M, Regueira-Iglesias A, Balsa-Castro C, Salazar F, Pacheco JJ, Cabral C, Henriques C, Tomás I. Relationship between dental and periodontal health status and the salivary microbiome: bacterial diversity, co-occurrence networks and predictive models. *Sci Rep*. 2021;11:929. doi:10.1038/s41598-020-79875-x.
34. Zaura E, Brandt BW, Prodan A, Teixeira de Mattos MJ, Imangaliyev S, Kool J, et al. Optimizing the quality of clinical studies on oral microbiome: a practical guide for planning, performing, and reporting. *Periodontol* 2000. 2021;85(1):210-236. doi:10.1111/prd.12359.

Snobée par les rhumatologues, cette enzyme éteint vos douleurs et remplace vos AINS

1. Henrotin Y, Pap T, Lietsen S, et al. Oral enzyme combination therapy reduces systemic inflammation, urinary CTXII and pain in knee osteoarthritis: a proof-of-mechanism, randomised, crossover, double-blind, placebo-controlled trial. *RMD Open*. 2025;11(3):e005433. Published 2025 Aug 12. doi:10.1136/rmdopen-2025-005433.

Cancer : 16 protocoles phyto sur mesure pour optimiser vos traitements

1. <https://www.mdpi.com/2305-6304/3/2/198>
2. <https://ascopubs.org/doi/abs/10.1200/JOP.18.00554>
3. <https://academic.oup.com/jncimono/article/2017/52/Igx012/4617827?guestAccessKey=>
4. <https://www.sciencedirect.com/science/article/abs/pii/S0304394021004651>
5. <https://www.mdpi.com/2072-6643/15/3/727>
6. <https://www.sciencedirect.com/science/article/pii/S0923753419345661>
7. <https://ascopubs.org/doi/full/10.1200/JCO.22.01357>
8. <https://pubmed.ncbi.nlm.nih.gov/28337245/>
9. <https://www.sciencedirect.com/science/article/pii/S0022316622002656>
10. <https://pubmed.ncbi.nlm.nih.gov/25861358/>
11. <https://pubmed.ncbi.nlm.nih.gov/30130468/>
12. <https://pubmed.ncbi.nlm.nih.gov/29065496/>
13. <https://pmc.ncbi.nlm.nih.gov/articles/PMC9229778/>
14. <https://pubmed.ncbi.nlm.nih.gov/31387262/>
15. <https://pubmed.ncbi.nlm.nih.gov/31935866/>
16. <https://www.mdpi.com/2072-6694/14/9/2131>
17. <https://pubmed.ncbi.nlm.nih.gov/21818642/>
18. Extrait fluide de plante fraîche standardisé, laboratoire Pilège
19. Extrait breveté de plante fraîche, laboratoire LPEV
20. <https://pmc.ncbi.nlm.nih.gov/articles/PMC5634738/>
21. <https://pubmed.ncbi.nlm.nih.gov/26074998/>
22. Inflammation douloureuse des muqueuses, souvent dans la bouche
23. <https://pubmed.ncbi.nlm.nih.gov/39909775/>
24. <https://pubmed.ncbi.nlm.nih.gov/33084806/>
25. <https://www.investchempharma.com/https-dx-doi-org-10-31183-imcp-2020-00036/>
26. <https://pubmed.ncbi.nlm.nih.gov/23291573/>
27. <https://www.cabidigitallibrary.org/doi/full/10.5555/20133311401>
28. [https://onlinelibrary.wiley.com/doi/abs/10.1002/\(SICI\)1099-1573\(199905\)13:3%3C222::AID-PTR447%3E3.0.CO;2-P](https://onlinelibrary.wiley.com/doi/abs/10.1002/(SICI)1099-1573(199905)13:3%3C222::AID-PTR447%3E3.0.CO;2-P)
29. https://openurl.ebsco.com/EPDB%3Aged%3A6%3A35120822/detailv2?sid=ebsco%3Aplink%3Acrawler-gcd&id=ebsco%3Aged%3A164949703&url=c&jrnl=26457687&link_origin=scholar.google.com
30. <https://www.frontiersin.org/journals/public-health/articles/10.3389/fpubh.2022.853056/full>
31. https://www.academia.edu/57255298/Effects_of_Aromatherapy_Using_the_Damask_Rose_Essential_Oil_on_Depression_Anxiety_and_Stress_in_Hemodialysis_Patients_A_Clinical_Trial
32. Cette stratégie d'épuration et de régénération est conçue prioritairement pour la chimiothérapie ; une grande prudence reste de mise pour l'immunothérapie et la radiothérapie, où l'accompagnement doit être modulé.
33. <https://www.pnas.org/doi/10.1073/pnas.94.19.10367>
34. <https://www.sciencedirect.com/science/article/pii/S0278691599000824>
35. <https://pubmed.ncbi.nlm.nih.gov/19253339/>
36. <https://pubmed.ncbi.nlm.nih.gov/20564545/>
37. <https://pmc.ncbi.nlm.nih.gov/articles/PMC8464730/>
38. <https://pubmed.ncbi.nlm.nih.gov/16716572/>
39. <https://www.sciencedirect.com/science/article/abs/pii/S0308814613000526>
40. <https://pmc.ncbi.nlm.nih.gov/articles/PMC11052495/>
41. <https://pubmed.ncbi.nlm.nih.gov/18611150/>

42. <https://www.mdpi.com/2072-6694/13/8/1923>
43. <https://pmc.ncbi.nlm.nih.gov/articles/PMC12189779/>
44. <https://pubmed.ncbi.nlm.nih.gov/24266378/>
45. <https://pubmed.ncbi.nlm.nih.gov/12690999/>
46. <https://pubmed.ncbi.nlm.nih.gov/23510212/>
47. <https://pmc.ncbi.nlm.nih.gov/articles/PMC12358156/>
48. Cannabidiol, toujours disponible en version topique
49. <https://pubmed.ncbi.nlm.nih.gov/32201189/>
50. https://www.researchgate.net/publication/389189965_Cannabinoids_in_Chronic_Pain_Management_A_Review_of_the_History_Efficacy_Applications_and_Risks
51. Cannabigérol
52. <https://pubmed.ncbi.nlm.nih.gov/20046768/>
53. <https://pubmed.ncbi.nlm.nih.gov/18667054/>
54. <https://pubmed.ncbi.nlm.nih.gov/22593927/>
55. <https://pmc.ncbi.nlm.nih.gov/articles/PMC3136577/>
56. <https://pmc.ncbi.nlm.nih.gov/articles/PMC5707683/>
57. <https://pubmed.ncbi.nlm.nih.gov/24679531/>
58. <https://www.nature.com/articles/s41522-025-00786-8>
59. <https://pubmed.ncbi.nlm.nih.gov/24912386/>
60. <https://pmc.ncbi.nlm.nih.gov/articles/PMC4425174/>
61. <https://pubmed.ncbi.nlm.nih.gov/26904610/>

Immuno, psycho, post... Enquête sur les « biotiques » nouvelle génération

1. À ne pas confondre avec « symbiotique » (avec un « m ») faisant référence à la symbiose, c'est-à-dire à un autre concept.
2. Zeng Q *et al.* Probiotics and gastrointestinal disorders: an umbrella meta-analysis of therapeutic efficacy. *Eur J Med Res.* 2025 Jun 23;30(1):515.
3. Asad A *et al.* Effects of Prebiotics and Probiotics on Symptoms of Depression and Anxiety in Clinically Diagnosed Samples: Systematic Review and Meta-analysis of Randomized Controlled Trials. *Nutr Rev.* 2025 Jul 1;83(7):e1504-e1520.
4. Umborowati MA *et al.* The role of probiotics in the treatment of adult atopic dermatitis: a meta-analysis of randomized controlled trials. *J Health Popul Nutr.* 2022 2. Aug 17;41(1):37.
5. Ma L, Tu H, Chen T. Postbiotics in Human Health: A Narrative Review. *Nutrients.* 2023 Jan 6;15(2):291.
6. Zmora N *et al.* Personalized Gut Mucosal Colonization Resistance to Empiric Probiotics Is Associated with Unique Host and Microbiome Features. *Cell.* 2018 Sep 6;174(6):1388-1405.e21.
7. Dans le cas des postbiotiques on parle généralement de nombre de cellules et non pas d'UFC.
8. Efremova I *et al.* Efficacy and Safety of a Probiotic Containing *Saccharomyces boulardii* CNCM I-745 in the Treatment of Small Intestinal Bacterial Overgrowth in Decompensated Cirrhosis: Randomized, Placebo-Controlled Study. *J Clin Med.* 2024 Feb 5;13(3):919.
9. Cavaliere G *et al.* Potential Role of Probiotic Strain *Lactiplantibacillus plantarum* in Control of Histamine Metabolism. *Biology (Basel).* 2025 Jun 19;14(6):734.