



ÉQUIPE VIEILLISSEMENT - Axe MAINTAIN

Equipe constitutive du CERPOP, UMR 1295, unité mixte INSERM - Université Toulouse III Paul Sabatier

MAINTAIN - MAintain Functions and INTrinsec capacities with Aging : Preventive and personalized INterventional Research

75 | Publications 2024

1. Aggarwal G, Morley JE, **Vellas B**, Nguyen AD, Butler AA (**Delrieu J, Coley N, Guyonnet S, Ousset PJ, Villars H, Voisin T** collaborators) ; MAPT/DSA Group. Low circulating adropin concentrations predict increased risk of cognitive decline in community-dwelling older adults. *Geroscience*. 2024. 46(1):897-911. [doi:](https://doi.org/10.1007/s11357-023-00824-3) 10.1007/s11357-023-00824-3.
2. **Angioni D, Delrieu J, Coley N, Ousset PJ, Shi J, Vellas B.** Drugs for Alzheimer's disease: Where are we coming from? Where are we going? *Sci Bull (Beijing)*. 2024. 69(10):1369-1374. [doi:](https://doi.org/10.1016/j.scib.2024.02.021) 10.1016/j.scib.2024.02.021.
3. **Angioni D, Ousset PJ, Vellas B.** Increased trend in dementia incidence within a Taiwanese National Cohort: What have we learned? What can we do? *Arch Gerontol Geriatr*. 2024. 121:105414. [doi:](https://doi.org/10.1016/j.archger.2024.105414) 10.1016/j.archger.2024.105414.
4. Ballard C, Tariot P, **Soto-Martin M**, Pathak S, Liu IY. Challenges and proposed solutions to conducting Alzheimer's disease psychosis trials. *Front Psychiatry*. 2024 May 15;15:1384176. [doi:](https://doi.org/10.3389/fpsyg.2024.1384176) 10.3389/fpsyg.2024.1384176.
5. Bencivenga L, **Strumia M, Rolland Y, Guyonnet S, Parini A, Cestac P, Andrieu S, Souto Barreto P, Rouch L**; MAPT/DSA group. Visit-to-visit blood pressure variability is associated with intrinsic capacity decline: Results from the MAPT Study. *Eur J Intern Med*. 2024. 125:82-88. [doi:](https://doi.org/10.1016/j.ejim.2024.03.001) 10.1016/j.ejim.2024.03.001.
6. **Berbon C, Takeda C, Balardy L, Lafont C, Tavassoli N, Carrie I, Guyonnet S, de Kerimel J, Mathieu C, Pennetier D, Bezombes V, Nourhashemi F, Vellas B, Andrieu S, Soto-Martin ME.** Implementing the WHO ICOPE program in clinical practice: three years of lessons from monitoring 27,082 participants using the ICOPE Monitor digital tool. *J Gerontol A Biol Sci Med Sci*. 2024;glae278. [doi:](https://doi.org/10.1093/gerona/glae278) 10.1093/gerona/glae278. Epub ahead of print.
7. **Berbon C, Steinmeyer Z, Bourgade G, Dupin M, Legoualher L, Balardy L.** Déploiement du programme Icope en oncogériatrie [Deployment of the Icope program in oncogeriatrics]. *Soins Gerontol*. 2024.29(170):17-19. French. [doi:](https://doi.org/10.1016/j.sger.2024.09.004) 10.1016/j.sger.2024.09.004.
8. **Bischoff-Ferrari HA, Kistler-Fischbacher M, Gaengler S, Münzer T, Dawson-Hughes B, Lang W, Theiler R, Egli A, Orav EJ, Freystaetter G.** Effects of testosterone and vitamin D on fall risk in pre-frail hypogonadal men: a factorial design RCT. *J Nutr Health Aging*. 2024.28(5):100217. [doi:](https://doi.org/10.1016/j.jnha.2024.100217) 10.1016/j.jnha.2024.100217.
9. Blivet G, Roman FJ, **Delrieu J, Touchon J.** Translation from Preclinical Research to Clinical Trials: Brain-Gut Photobiomodulation Therapy for Alzheimer's Disease. *J Integr Neurosci*. 2024;23(3):57. doi: 10.31083/j.jin2303057.
10. Blum D, Cailliau E, Béhal H, Vidal JS, Delaby C, Buée L, Allinquant B, Gabelle A, Bombois S, Lehmann S, Schraen-Maschke S, Hanon O; BALTAZAR study group (**Vellas B** collaborator). Association of caffeine consumption with cerebrospinal fluid biomarkers in mild cognitive impairment and Alzheimer's disease: A BALTAZAR cohort study. *Alzheimers Dement*. 2024.20(10):6948-6959. [doi:](https://doi.org/10.1002/alz.14169) 10.1002/alz.14169.

11. Boeing H, Amini AM, Haardt J, Schmidt A, **Bischoff-Ferrari HA**, Buyken AE, Egert S, Ellinger S, Kroke A, Lorkowski S, Louis S, Nimptsch K, Schulze MB, Schutkowski A, Schwingshackl L, Siener R, Zittermann A, Watzl B, Stangl GI; German Nutrition Society. Dietary protein and blood pressure: an umbrella review of systematic reviews and evaluation of the evidence. *Eur J Nutr.* 2024;63(4):1041-1058. [doi:](#) 10.1007/s00394-024-03336-8.
12. **Bou Malham C, El Khatib S, Cestac P, Andrieu S, Rouch L, Salameh P.** Management of potentially inappropriate medication use among older adult's patients in primary care settings: description of an interventional prospective non-randomized study. *BMC Prim Care.* 2024;25(1):213. [doi:](#) 10.1186/s12875-024-02334-3.
13. Boucaud-Maitre D, Simo N, Villeneuve R, Rambhojan C, Thibault N, Joseph SP, Bonnet M, Dramé M, Vainqueur L, Rinaldo L, Letchimy L, Dartigues JF, Cesari M, **Rolland Y, Vellas B**, Amieva H, Tabué-Teguo M. Clinical profiles of older adults in French Caribbean nursing homes: a descriptive cross-sectional study. *Front Med (Lausanne).* 2024;11:1428443. [doi:](#) 10.3389/fmed.2024.1428443.
14. Bouzid W, **Cantet C**, Berard E, Mathieu C, Hermabessière S, Houles M, Krams T, Qassemi S, Cambon A, McCambridge C, Tavassoli N, **Rolland Y.** Exploring Predictive Factors for Potentially Avoidable Emergency Department Transfers: Findings From the FINE Study. *J Am Med Dir Assoc.* 2024;25(4):572-579.e1. [doi:](#) 10.1016/j.jamda.2023.11.017.
15. Braendle K, Egli A, **Bischoff-Ferrari H**, Freystaetter G. Does living alone influence fall risk among Swiss older adults aged 60+? A pooled observational analysis of three RCTs on fall prevention. *BMJ Open.* 2024;14(5):e081413. [doi:](#) 10.1136/bmjopen-2023-081413.
16. Briand M, Raffin J, **Gonzalez-Bautista E, Ritz P, Abellan Van Kan G**, Pillard F, Faruch-Bilfeld M, **Guyonnet S**, Dray C, **Vellas B, de Souto Barreto P, Rolland Y.** Body composition and aging: cross-sectional results from the INSPIRE study in people 20 to 93 years old. *Geroscience.* 2024. [doi:](#) 10.1007/s11357-024-01245-6. Epub ahead of print.
17. Camacho-Ruiz J, V A, Rendón-Macías ME, Bernabe-García M, **González-Bautista E**, Manuel-Apolinar L, Basurto-Acevedo L, Orihuela-Rodríguez O, M Ruiz-Batalla J, Rojas-Rubio B, Olivares-Santos RA, Paredes-Manjarrez C, Sánchez-Arenas R. Grupos de función cognitiva en personas mayores y factores de riesgo [Cognitive function groups in older people and risk factors]. *Rev Med Inst Mex Seguro Soc.* 2024;62(3):1-11. Spanish. doi: 10.5281/zenodo.10998801.
18. Chrusciel J, Ndoye R, Ndiongue BM, Fournier MA, Kabirian F, Pondjikli M, Dutheillet-de-Lamothe V, Berrut G, **Rolland Y**, Sanchez S. Predictive value of a self-administered frailty screening questionnaire for the effectiveness of functional rehabilitation evaluated with the locomotor functional independence measure in a geriatric rehabilitation unit: a multicentre cohort study. *BMC Geriatr.* 2024;24(1):1013. [doi:](#) 10.1186/s12877-024-05605-x.
19. Clarke L, Castor-Newton MJ, Jalles C, Lapeyre-Mestre M, **Gardette V.** Potentially avoidable hospitalizations and associated factors among older people in French Guiana using the French National Health Data System. *Int J Qual Health Care.* 2024;36(3):mzae083. [doi:](#) 10.1093/intqhc/mzae083.
20. **Coley N, Zetterberg H, Cantet C, Guyonnet S, Ashton NJ, Vellas B, Blennow K, Andrieu S;** MAPT study group (**Abellan Van Kan G, Delrieu J, Ousset PJ, Villars H, Voisin T** collaborators). Plasma p-tau181 as an outcome and predictor of multidomain intervention effects: a secondary analysis of a randomised, controlled, dementia prevention trial. *Lancet Healthy Longev.* 2024; 5(2):e120-e130. [doi:](#) 10.1016/S2666-7568(23)00255-6.
21. **Couret A, Gardette V, Renoux A**, Lapeyre-Mestre M. Impact of modifications to antementia drug reimbursement in France: Analysis of the FRA-DEM cohort. *Br J Clin Pharmacol.* 2024. [doi:](#) 90(10):2582-2596.

22. **Couret A**, Lapeyre-Mestre M, **Renoux A**, **Gardette V**. Healthcare use according to deprivation among French Alzheimer's Disease and Related Diseases subjects: a national cross-sectional descriptive study based on the FRA-DEM cohort. *Front Public Health.* 2024;12:1284542. [doi: 10.3389/fpubh.2024.1284542](#).
23. **Couret A**, Lapeyre-Mestre M, Gombault-Datzenko E, **Renoux A**, **Villars H**, **Gardette V**. Which factors preceding dementia identification impact future healthcare use trajectories: multilevel analyses in administrative data. *BMC Geriatr.* 2024;24(1):89. [doi: 10.1186/s12877-023-04643-1](#).
24. Curtis EM, Miguel M, McEvoy C, Ticinesi A, Torre C, Al-Daghri N, Alokkal M, Bałkowiec-Iskra E, Bruyère O, Burlet N, Cavalier E, Cerreta F, Clark P, Cherubini A, Cooper C, D'Amelio P, Fuglie N, Gregson C, Halbout P, Kanis JA, Kaufman J, Laslop A, Maggi S, Maier A, Matijevic R, McCloskey E, Ormarsdóttir S, Yerro CP, Radermecker RP, **Rolland Y**, Singer A, Veronese N, Rizzoli R, Reginster JY, Harvey NC. Impact of dementia and mild cognitive impairment on bone health in older people. *Aging Clin Exp Res.* 2024;37(1):5. [doi: 10.1007/s40520-024-02871-y](#).
25. da Silva JA, Martinez LO, **Rolland Y**, Najib S, Croyal M, Perret B, Jabrane-Ferrat N, El Costa H, **Guyonnet S**, **Vellas B**, **de Souto Barreto P**; MAPT/DSA group. Plasma Level of ATPase Inhibitory Factor 1 and Intrinsic Capacity in Community-Dwelling Older Adults: Prospective Data From the MAPT Study. *J Gerontol A Biol Sci Med Sci.* 2024;79(1):glad142. [doi: 10.1093/gerona/glad142](#).
26. de Godoi Rezende Costa Molino C, Forster CK, Wieczorek M, Orav EJ, Kressig RW, **Vellas B**, Egli A, Freystaetter G, Bischoff-Ferrari HA; DO-HEALTH Research Group. Association of fall risk-increasing drugs with falls in generally healthy older adults: a 3-year prospective observational study of the DO-HEALTH trial. *BMC Geriatr.* 2024;24(1):980. [doi: 10.1186/s12877-024-05557-2](#).
27. **de Souto Barreto P**, Gonzalez-Bautista E, Bischoff-Ferrari HA, Pelegrom de Oliveira V, Gorga Bandeira de Mello R, Andrieu S, Berbon C, Tavassoli N, Beard JR, **Rolland Y**, Soto Martín ME, **Vellas B**. Real-life intrinsic capacity screening data from the ICOPE-Care program. *Nat Aging.* 2024;4(9):1279-1289. [doi: 10.1038/s43587-024-00684-2](#). Online ahead of print.
28. **de Souto Barreto P**, Ruiz JG. New in The Journal of Nutrition, Health & Aging. *J Nutr Health Aging.* 2024;28(1):100162. [doi: 10.1016/j.jnha.2024.100162](#).
29. **Delrieu J**, Andrieu S, **Vellas B**. Dementia research in 2023: the year of anti-amyloid immunotherapy. *Lancet Neurol.* 2024;1(1):13-15. [doi: 10.1016/S1474-4422\(23\)00449-0](#).
30. Eggimann AK, de Godoi Rezende Costa Molino C, Freystaetter G, **Vellas B**, Kanis JA, Rizzoli R, Kressig RW, Armbrecht G, Da Silva JAP, Dawson-Hughes B, Lang W, Gagesch M, Egli A, Bischoff-Ferrari HA. Effect of vitamin D, omega-3 supplementation, or a home exercise program on muscle mass and sarcopenia: DO-HEALTH trial. *J Am Geriatr Soc.* 2024. [doi: 10.1111/jgs.19266](#). Epub ahead of print.
31. Ellinger S, Amini AM, Haardt J, Lehmann A, Schmidt A, **Bischoff-Ferrari HA**, Buyken AE, Kroke A, Kühn T, Louis S, Lorkowski S, Nimptsch K, Schulze MB, Schwingshackl L, Siener R, Stangl GI, Volkert D, Zittermann A, Watzl B, Egert S; German Nutrition Society. Protein intake and body weight, fat mass and waist circumference: an umbrella review of systematic reviews for the evidence-based guideline on protein intake of the German Nutrition Society. *Eur J Nutr.* 2024;63(1):3-32. [doi: 10.1007/s00394-023-03220-x](#).
32. Evans WJ, Guralnik J, Cawthon P, Appleby J, Landi F, **Clarke L**, **Vellas B**, Ferrucci L, Roubenoff R. Sarcopenia: no consensus, no diagnostic criteria, and no approved indication-How did we get here? *Geroscience.* 2024;46(1):183-190. [doi: 10.1007/s11357-023-01016-9](#).
33. Frances L, Croyal M, Ruidavets JB, Maraninchi M, Combes G, Raffin J, **de Souto Barreto P**, Ferrières J, Blaak EE, Perret B, Moro C, Valéro R, Martinez LO, Viguerie N. Identification of circulating apolipoprotein

- M as a new determinant of insulin sensitivity and relationship with adiponectin. *Int J Obes (Lond)*. 2024; 48(7):973-980. [doi: 10.1038/s41366-024-01510-w](#).
34. Gaengler S, Sadlon A, De Godoi Rezende Costa Molino C, Willett WC, Manson JE, **Vellas B**, Steinhagen-Thiessen E, Von Eckardstein A, Ruschitzka F, Rizzoli R, da Silva JAP, Kressig RW, Kanis J, Orav EJ, Egli A, **Bischoff-Ferrari HA**. Effects of vitamin D, omega-3 and a simple strength exercise programme in cardiovascular disease prevention: The DO-HEALTH randomized controlled trial. *J Nutr Health Aging*. 2024;28(2):100037. [doi: 10.1016/j.jnha.2024.100037](#).
35. Gallet Q, Bouteloup V, Locatelli M, Habert MO, Chupin M, Campion JY, Michels PE, **Delrieu J**, Lebouvier T, Balageas AC, Surget A, Belzung C, Arlicot N, Ribeiro MS, Gissot V, El-Hage W, Camus V, Gohier B, Desmidt T; MEMENTO study group. Cerebral Metabolic Signature of Chronic Benzodiazepine Use in Nondemented Older Adults: An FDG-PET Study in the MEMENTO Cohort. *Am J Geriatr Psychiatry*. 2024;32(6):665-677. [doi: 10.1016/j.jagp.2023.10.002](#).
36. Giudici KV, **de Souto Barreto P**, **Guyonnet S**, Beard JR, Takeda C, **Cantet C**, **Andrieu S**, **Vellas B**; IHU HealthAge INSPIRE Platform Group (**Coley N**, **Ousset PJ**, **Piau A** collaborators). Predictive Capacity of the Integrated Care for Older People Screening Tool for Intrinsic Capacity Impairments: Results From the INSPIRE-T Cohort. *J Gerontol A Biol Sci Med Sci*. 2024; 79(7):glae112. [doi: 10.1093/gerona/glae112](#).
37. **Gonzalez-Bautista E**, Momméja M, de Mauléon A, Ismail Z, **Vellas B**, **Delrieu J**, **Soto Martin ME**. Mild behavioral impairment domains are longitudinally associated with pTAU and metabolic biomarkers in dementia-free older adults. *Alzheimers Dement*. 2024; 20(7):4692-4701. [doi: 10.1002/alz.13902](#)
38. **Gonzalez-Bautista E**, Román-Pérez S, Manrique-Espinoza BS, Salinas-Rodríguez A, Santos-Luna R. Frailty Was Associated With Atmospheric NO₂ Levels: A Geospatial Approach. *J Gerontol A Biol Sci Med Sci*. 2024;79(9):glae168. doi: 10.1093/gerona/glae168
39. Grande de França NA, Díaz G, Lengelé L, Soriano G, Caspar-Bauguil S, Saint-Aubert L, Payoux P, **Rouch L**, **Vellas B**, **de Souto Barreto P**, Sourdet S. Associations Between Blood Nutritional Biomarkers and Cerebral Amyloid-β: Insights From the COGFRAIL Cohort Study. *J Gerontol A Biol Sci Med Sci*. 2024; 79(1):glad248. [doi: 10.1093/gerona/glad248](#).
40. **Guillotin S**, Fulzele A, Vallet A, de Peredo AG, Mouton-Barbosa E, **Cestac P**, **Andrieu S**, Burlet-Schiltz O, Delcourt N, Schmidt E. Cerebrospinal fluid proteomic profile of frailty: Results from the PROLIPHYC cohort. *Aging Cell*. 2024; 23(7):e14168. [doi: 10.1111/acel.14168](#).
41. **Khatib SE**, **Bou Malham C**, **Andrieu S**, **Strumia M**, **Cestac P**, Salameh P. Fall risk factors among poly-medicated older Lebanese patients in primary care settings: a secondary cross-sectional analysis of the "MGPIDP-L project". *BMC Geriatr*. 2024;24(1):327. [doi: 10.1186/s12877-024-04951-0](#).
42. Lehmann S, Schraen-Maschke S, Vidal JS, Delaby C, Buee L, Blanc F, Paquet C, Allinquant B, Bombois S, Gabelle A, Hanon O; BALTAZAR study group (**Vellas B** collaborator). Clinical value of plasma ALZpath pTau217 immunoassay for assessing mild cognitive impairment. *J Neurol Neurosurg Psychiatry*. 2024; jnnp-2024-333467. [doi: 10.1136/jnnp-2024-333467](#). Online ahead of print.
43. Lengelé L, **Rolland Y**, Martinez LO, **Guyonnet S**, Parini A, Lucas A, **Vellas B**, Barreto PS; MAPT/DSA Group (**Coley N**, **Delrieu J**, **Ousset PJ**, **Villars H**, **Voisin T** collaborators). Longitudinal Associations Between ATPase Inhibitory Factor 1, Growth Differentiation Factor-15, and Nutritional Status in Older Adults From the MAPT Study. *J Gerontol A Biol Sci Med Sci*. 2024; 79(1):glad236. [doi: 10.1093/gerona/glad236](#).
44. Levak N, Lehtisalo J, Thunborg C, Westman E, Andersen P, **Andrieu S**, Broersen LM, **Coley N**, Hartmann T, Irving GF, Mangialasche F, Ngandu T, Pantel J, Rosenberg A, Sindi S, Soininen H, Solomon A, Wang R, Kivipelto M. Nutrition guidance within a multimodal intervention improves diet quality in prodromal Alzheimer's disease: Multimodal Preventive Trial for Alzheimer's Disease (MIND-AD_{mini}). *Alzheimers Res Ther*. 2024;16(1):147. [doi: 10.1186/s13195-024-01522-8](#).

45. Melanie KF, Gabriele A, Stephanie G, Robert T, Renè R, Bess DH, Kanis John A, Hofbauer Lorenz C, Schimmer Ralph C, Bruno V, Da Silva José AP, John OE, Kressig Reto W, Andreas E, Wei L, Wanner Guido A, Bischoff-Ferrari Heike A; DO-HEALTH Research Group (**Vellas B** collaborator). Effects of vitamin D3, omega-3 s and a simple strength training exercise program on bone health: the DO-HEALTH randomized controlled trial. *J Bone Miner Res.* 2024. zjae054. [doi:](#) 10.1093/jbmr/zjae054. Online ahead of print.
46. Menhour S, **Abellan Van Kan G**, Toulza O, Lhermusier T, **Nourhashemi F**, **Rolland Y**. Remplacement valvulaire aortique par voie percutanée : devenir des patients évalués par l'EMG au CHU de Toulouse en préprocédure [Percutaneous aortic valve replacement: outcome of patients evaluated by EMG at Toulouse University Hospital preprocedure]. *Soins Gerontol.* 2024.29(166):36-41. French. [doi:](#) 10.1016/j.sger.2024.01.007.
47. Merchant RA, Chan YH, Anbarasan D, **Vellas B**. Association of intrinsic capacity with functional ability, sarcopenia and systemic inflammation in pre-frail older adults. *Front Med (Lausanne).* 2024. 11:1374197. [doi:](#) 10.3389/fmed.2024.1374197.
48. Moll van Charante EP, Hoevenaar-Blom MP, Song M, **Andrieu S**, Barnes L, Birck C, Brooks R, **Coley N**, Eggink E, Georges J, Hafdi M, van Gool WA, Handels R, Hou H, Lyu J, Niu Y, Song L, Wang W, Wang Y, Wimo A, Yu Y, Zhang J, Zhang W, Brayne C, Wang W, Richard E; PRODEMOS study group . Prevention of dementia using mobile phone applications (PRODEMOS): a multinational, randomised, controlled effectiveness-implementation trial. *Lancet Healthy Longev.* 2024.5(6):e431-e442. [doi:](#) 10.1016/S2666-7568(24)00068-0.
49. Moulis G, Michel M, Bonnotte B, Godeau B; CARMEN-France investigators group; Collaborators (the CARMEN-France investigators group). The CARMEN-France registry of adult patients with immune thrombocytopenia and autoimmune hemolytic anemia in France. *Rev Med Interne.* 2024 Sep;45(9):543-548. doi: 10.1016/j.revmed.2024.06.006.
50. Niebauer J, Bäck C, **Bischoff-Ferrari HA**, Dehbi HM, Szekely A, Völler H, Sündermann SH. Preinterventional frailty assessment in patients scheduled for cardiac surgery or transcatheter aortic valve implantation: a consensus statement of the European Association for Cardio-Thoracic Surgery (EACTS) and the European Association of Preventive Cardiology (EAPC) of the European Society of Cardiology (ESC). *Eur J Prev Cardiol.* 2024 .31(2):146-181. [doi:](#) 10.1093/eurjpc/zwad304.
51. Novais T, Qassemi S, **Cestac P**, McCambridge C, **Villars H**, Decaudin B, Dambrine M, Huvent-Grelle D, Roche J, Federico D, Krolak-Salmon P, Mouchoux C. Medication exposure of the dyad patient-caregiver in Alzheimer's disease and related dementias: a cross-sectional study. *Int J Clin Pharm.* 2024.46(1):205-209. [doi:](#) 10.1007/s11096-023-01623-8.
52. Raffin J, **Rolland Y**, Aubertin-Leheudre M, Aragoni da Silva J, **Guyonnet S**, Pillard F, **Vellas B**, **de Souto Barreto P**; INSPIRE group. Cross-sectional interactive associations of physical activity and sedentary behaviour with physical capacity across adulthood. *J Cachexia Sarcopenia Muscle.* 2024. 15(3):1134-1145. [doi:](#) 10.1002/jcsm.13457.
53. Raffin J, **Rolland Y**, Genoux A, Combes G, Croyal M, Perret B, **Guyonnet S**, **Vellas B**, Martinez LO, **de Souto Barreto P**; MAPT/DSA Group. Associations between physical activity levels and ATPase inhibitory factor 1 concentrations in older adults. *J Sport Health Sci.* 2024. 13(3):409-418. [doi:](#) 10.1016/j.jshs.2023.09.009.
54. **Rolland Y**, Fielding R, Landi F, **Vellas B**. Implementing clinical operationalization of sarcopenia: the contribution of WHO ICOPE program. *J Nutr Health Aging.* 2024. 28(6):100257. [doi:](#) 10.1016/j.jnha.2024.100257.

55. Rolland Y, Ticinesi A, Sokol H, de Souto Barreto P. Therapeutic perspectives of pre-, pro-, post-biotics in the treatment of sarcopenia. *J Nutr Health Aging.* 2024;28(7):100298. [doi](#): 10.1016/j.jnha.2024.100298.
56. Sager R, Gaengler S, Willett WC, Orav EJ, Mattle M, Habermann J, Geiling K, Schimmer RC, Vellas B, Kressig RW, Egli A, Dawson-Hughes B, Bischoff-Ferrari HA. Adherence to the MIND diet and the odds of mild cognitive impairment in generally healthy older adults: The 3-year DO-HEALTH study. *J Nutr Health Aging.* 2024; 28(3):100034. [doi](#): 10.1016/j.jnha.2023.100034.
57. Sánchez-Sánchez JL, He L, Morales JS, de Souto Barreto P, Jiménez-Pavón D, Carbonell-Baeza A, Casas-Herrero Á, Gallardo-Gómez D, Lucia A, Del Pozo Cruz B, Valenzuela PL. Association of physical behaviours with sarcopenia in older adults: a systematic review and meta-analysis of observational studies. *Lancet Healthy Longev.* 2024; 5(2):e108-e119. [doi](#): 10.1016/S2666-7568(23)00241-6.
58. Sánchez-Sánchez JL, Lu WH, Gallardo-Gómez D, Del Pozo Cruz B, de Souto Barreto P, Lucia A, Valenzuela PL. Association of intrinsic capacity with functional decline and mortality in older adults: a systematic review and meta-analysis of longitudinal studies. *Lancet Healthy Longev.* 2024;5(7):e480-e492. [doi](#): 10.1016/S2666-7568(24)00092-8.
59. Santin Y, Chiesa M, Alfonso A, Doghri Y, Kang R, Haidar F, Oreja-Fuentes P, Fousset O, Zahreddine R, Guardia M, Lemmel L, Rigamonti M, Rosati G, Florian C, Gauzin S, Guyonnet S, Rolland Y, de Souto Barreto P, Vellas B, Guiard B, Parini A. Computational and digital analyses in the INSPIRE mouse cohort to define sex-specific functional determinants of biological aging. *Sci Adv.* 2024;10(50):eadt1670. [doi](#): 10.1126/sciadv.adt1670.
60. Schwesinger A, Tsai LT, Lang W, Mantegazza N, Bauernschmitt R, Wilhelm MJ, Bischoff-Ferrari HA, Gagesch M. Does Comprehensive Geriatric Assessment Reduce the Incidence of Postoperative Delirium? A Quasi-experimental Study in Older Adults Undergoing Transcatheter Aortic Valve Implantation. *Clin Interv Aging.* 2024;19:347-355. [doi](#): 10.2147/CIA.S448167.
61. Shi J, Touchon J, Middleton LT, Rovira MB, Vassar R, Vellas B, Shen Y. Now and future: Strategies for diagnosis, prevention and therapies for Alzheimer's disease. *Sci Bull (Beijing).* 2024;69(23):3777-3784. [doi](#): 10.1016/j.scib.2024.09.042.
62. Soto Martin M, Rosenberg P, Ballard C, Vellas B, Miller D, Gauthier S, Carrillo MC, Lyketsos C, Ismail Z. CTAD Task Force Paper: Neuropsychiatric Symptoms in AD: Clinical Trials Targeting Mild Behavioral Impairment: A Report from the International CTAD Task Force. *J Prev Alzheimers Dis.* 2024;11(1):56-64. [doi](#): 10.14283/jpad.2023.125.
63. Struijk EA, Fung TT, Bischoff-Ferrari HA, Willett WC, Lopez-Garcia E. Total magnesium intake and risk of frailty in older women. *J Cachexia Sarcopenia Muscle.* 2024;15(4):1275-1282. [doi](#): 10.1002/jcsm.13450.
64. Thunborg C, Wang R, Rosenberg A, Sindi S, Andersen P, Andrieu S, Broersen LM, Coley N, Couderc C, Duval CZ, Faxen-Irving G, Hagman G, Hallikainen M, Håkansson K, Kekkonen E, Lehtisalo J, Levak N, Mangialasche F, Pantel J, Rydström A, Stigsdotter-Neely A, Wimo A, Ngandu T, Soininen H, Hartmann T, Solomon A, Kivipelto M. Integrating a multimodal lifestyle intervention with medical food in prodromal Alzheimer's disease: the MIND-AD_{mini} randomized controlled trial. *Alzheimers Res Ther.* 2024; 16(1):118. [doi](#): 10.1186/s13195-024-01468-x.
65. Tremblay-Franco M, Canlet C, Carriere A, Nakhle J, Galinier A, Portais JC, Yart A, Dray C, Lu WH, Bertrand Michel J, Guyonnet S, Rolland Y, Vellas B, Delrieu J, Barreto PS, Pénicaud L, Casteilla L, Ader I; MAPT/DSA Group. Integrative Multimodal Metabolomics to Early Predict Cognitive Decline Among Amyloid Positive Community-Dwelling Older Adults. *J Gerontol A Biol Sci Med Sci.* 2024; 79(5):glae077. [doi](#): 10.1093/gerona/glae077.

66. Ungar A, Cherubini A, Fratiglioni L, de la Fuente-Núñez V, Fried LP, Krasovitsky MS, Tinetti M, Officer A, **Vellas B**, Ferrucci L. Carta of Florence Against Ageism; No Place for Ageism in Health Care. *Gerontologist*. 2024. 64(4):gnae001. [doi: 10.1093/geront/gnae001](#).
67. Ungar A, Cherubini A, Fratiglioni L, de la Fuente-Núñez V, Fried L, Krasovitsky MS, Tinetti M, Officer A, **Vellas B**, Ferrucci L. Carta of Florence against ageism. No place for ageism in health care. *Eur Geriatr Med*. 2024. 15(2):285-290. [doi: 10.1007/s41999-024-00938-7](#).
68. Ungar A, Cherubini A, Fratiglioni L, de la Fuente-Núñez V, Fried LP, Sally Krasovitsky M, Tinetti M, Officer A, **Vellas B**, Ferrucci L. Carta of Florence Against Ageism: No Place for Ageism in Health Care. *J Gerontol B Psychol Sci Soc Sci*. 2024. 79(3):gbad176. [doi: 10.1093/geronb/gbad176](#).
69. Ungar A, Cherubini A, Fratiglioni L, de la Fuente-Núñez V, Fried LP, Krasovitsky MS, Tinetti M, Officer A, **Vellas B**, Ferrucci L. Carta of Florence Against Ageism; No Place for Ageism in Healthcare. *Innov Aging*. 2024. 8(2):igad133. [doi: 10.1093/geroni/igad133](#).
70. van Charante EPM, Hoevenaar-Blom MP, Song M, **Andrieu S**, Barnes L, Birck C, Brooks R, **Coley N**, Eggink E, Georges J, Hafdi M, van Gool WA, Handels R, Hou H, Lyu J, Niu Y, Song L, Wang W, Wang Y, Wimo A, Yu Y, Zhang J, Zhang W, Brayne C, Wang W, Richard E; PRODEMOS study group. Prevention of dementia using mobile phone applications (PRODEMOS): a multinational, randomised, controlled effectiveness-implementation trial. *Lancet Healthy Longev*. 2024. 5(6):e431-e442. [doi: 10.1016/S2666-7568\(24\)00068-0](#).
71. Vandenput L, Johansson H, McCloskey EV, Liu E, Schini M, Åkesson KE, Anderson FA, Azagra R, Bager CL, Beaudart C, **Bischoff-Ferrari HA**, Biver E, Bruyère O, Cauley JA, Center JR, Chapurlat R, Christiansen C, Cooper C, Crandall CJ, Cummings SR, da Silva JAP, Dawson-Hughes B, Diez-Perez A, Dufour AB, Eisman JA, Elders PJM, Ferrari S, Fujita Y, Fujiwara S, Glüer CC, Goldshtain I, Goltzman D, Gudnason V, Hall J, Hans D, Hoff M, Hollick RJ, Huisman M, Iki M, Ish-Shalom S, Jones G, Karlsson MK, Khosla S, Kiel DP, Koh WP, Koromani F, Kotowicz MA, Kröger H, Kwok T, Lamy O, Langhammer A, Larijani B, Lippuner K, McGuigan FEA, Mellström D, Merlijn T, Nguyen TV, Nordström A, Nordström P, O'Neill TW, Obermayer-Pietsch B, Ohlsson C, Orwoll ES, Pasco JA, Rivadeneira F, Schott AM, Shiroma EJ, Siggeirsdóttir K, Simonsick EM, Sornay-Renedo E, Sund R, Swart KMA, Szulc P, Tamaki J, Torgerson DJ, van Schoor NM, van Staa TP, Vila J, Wareham NJ, Wright NC, Yoshimura N, Zillikens M, Zwart M, Harvey NC, Lorentzon M, Leslie WD, Kanis JA. A meta-analysis of previous falls and subsequent fracture risk in cohort studies. *Osteoporos Int*. 2024.35(3):469-494. [doi: 10.1007/s00198-023-07012-1](#).
72. **Villars H**, **Balardy L**, Ghisolfi A, Blain H, **Rolland Y**. "Geriatric Team Health Care Pathways": An Organizational Innovation to Enhance Care Pathways of Long-Term Care Facilities' Residents in the French Region of Occitania. *J Am Med Dir Assoc*. 2024.25(6):104976. [doi: 10.1016/j.jamda.2024.02.014](#).
73. Volkert D, Delzenne N, Demirkhan K, Schneider S, Abbasoglu O, Bahat G, Barazzoni R, Bauer J, Cuerda C, de van der Schueren M, Doganay M, Halil M, Lehtisalo J, Piccoli GB, **Rolland Y**, Sengul Aycicek G, Visser M, Wickramasinghe K, Wirth R, Wunderle C, Zanetti M, Cederholm T. Nutrition for the older adult - Current concepts. Report from an ESPEN symposium. *Clin Nutr*. 2024.43(8):1815-1824. [doi: 10.1016/j.clnu.2024.06.020](#).
74. Wieczorek M, Isler M, Landau K, Becker MD, Dawson-Hughes B, Kressig RW, **Vellas B**, Orav EJ, Rizzoli R, Kanis JA, Armbrecht G, Da Silva JAP, Egli A, Freystätter G, **Bischoff-Ferrari HA**; DO-HEALTH Research group. Association Between Visual Acuity and Prospective Fall Risk in Generally Healthy and Active Older Adults: The 3-Year DO-HEALTH Study. *J Am Med Dir Assoc*. 2024. 25(5):789-795.e2. [doi: 10.1016/j.jamda.2024.03.005](#).

75. Winock A, Mourey L, Gerard S, Lusque A, Van Kan GA, Lozanno S, Bourgade G, Khalifa J, Roumiguié M, **Balardy L**. Management of older patients with muscle invasive bladder cancer: A retrospective observational study. *J Geriatr Oncol.* 2024;15(7):101834. [doi: 10.1016/j.jgo.2024.101834](https://doi.org/10.1016/j.jgo.2024.101834).