



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

1. de Assunção Cortez Corrêa LC, Raffin J, **Vellas B**, Guerra RO, **de Souto Barreto P**. Sex-specific associations of neurodegeneration and inflammatory biomarkers with intrinsic capacity in older adults: Findings from the 4-year longitudinal Multidomain Alzheimer's Prevention Trial (MAPT). *Maturitas*. 2025.193:108191. [doi: 10.1016/j.maturitas.2024.108191](https://doi.org/10.1016/j.maturitas.2024.108191). Epub ahead of print.
2. Izquierdo M, de Souto Barreto P, Arai H, Bischoff-Ferrari HA, Cadore EL, Cesari M, Chen LK, Coen PM, Courneya KS, Duque G, Ferrucci L, Fielding RA, García-Hermoso A, Gutiérrez-Robledo LM, Harridge SDR, Kirk B, Kritchevsky S, Landi F, Lazarus N, Liu-Ambrose T, Marzetti E, Merchant RA, Morley JE, Pitkälä KH, Ramírez-Vélez R, Rodríguez-Mañas L, Rolland Y, Ruiz JG, Sáez de Asteasu ML, Villareal DT, Waters DL, Won Won C, **Vellas B**, Fiatarone Singh MA. Global consensus on optimal exercise recommendations for enhancing healthy longevity in older adults (ICFSR). *J Nutr Health Aging*. 2025. 29(1):100401. [doi: 10.1016/j.jnha.2024.100401](https://doi.org/10.1016/j.jnha.2024.100401).
3. Nunes-Pinto M, Bandeira de Mello RG, Pinto MN, Moro C, **Vellas B**, Martinez LO, **Rolland Y**, **de Souto Barreto P**. Sarcopenia and the biological determinants of aging: A narrative review from a geroscience perspective. *Ageing Res Rev*. 2025.103:102587. [doi: 10.1016/j.arr.2024.102587](https://doi.org/10.1016/j.arr.2024.102587).
4. Raffin J, Fourteau M, Virecoulon Giudici K, **Rolland Y**, **Vellas B**, **de Souto Barreto P**; MAPT/DSA Group. Cross-sectional and longitudinal associations between physical activity and intrinsic capacity in healthy older adults from the MAPT study. *Arch Gerontol Geriatr*. 2025.130:105724. [doi: 10.1016/j.archger.2024.105724](https://doi.org/10.1016/j.archger.2024.105724).
5. Christiaens A, Boureau AS, Guyomarch B, de Decker L, Boland B, Hadjadj S, Cariou B; HYPOAGE Study Group (**Guyonnet S** collaborator). Diabetes Overtreatment and Hypoglycemia in Older Patients With Type 2 Diabetes on Insulin Therapy: Insights From the HYPOAGE Cohort Study. *Diabetes Care*. 2025.48(1):61-66. [doi: 10.2337/dc24-1058](https://doi.org/10.2337/dc24-1058).
6. Lengelé L, de França NAG, **de Souto Barreto P**, **Rolland Y**. Nutritional specificity of frailty: from epidemiological and clinical evidence to potential mechanisms. *Curr Opin Clin Nutr Metab Care*. 2025.28(1):1-5. [doi: 10.1097/MCO.0000000000001079](https://doi.org/10.1097/MCO.0000000000001079).