

Literatur:

Bamman MM et al. (2018). Mechanisms of muscle plasticity with aging. Exerc Sport Sci Rev, 46(3):117–125.

Bauer J et al. (2013). Evidence-based recommendations for optimal dietary protein intake in older people. Clin Nutr, 32(6):929–936.

Booth FW, Roberts CK, Laye MJ (2012). Lack of exercise is a major cause of chronic diseases. Compr Physiol, 2(2):1143–1211.

Cruz-Jentoft AJ et al. (2019). Sarcopenia: revised European consensus on definition and diagnosis. Age Ageing, 48(1):16–31.

DeFronzo RA, Tripathy D (2009). Skeletal muscle insulin resistance is the primary defect in type 2 diabetes. Diabetes Care, 32(Suppl 2):S157–S163.

Erickson KI et al. (2011). Exercise training increases size of hippocampus and improves memory. PNAS, 108(7):3017–3022.

Franceschi C et al. (2018). Inflammaging and 'Garb-aging'. Trends Endocrinol Metab, 29(9):623–633.

Hawley JA, Hargreaves M, Joyner MJ, Zierath JR (2014). Integrative biology of exercise. Cell, 159(4):738–749.

Holloszy JO (2008). Regulation by exercise of skeletal muscle content of mitochondria and GLUT4. J Physiol Pharmacol, 59(Suppl 7):5–18.

Pedersen, B. K., Steensberg, A., Keller, P., Keller, C., Fischer, C., Hiscock, N., van Hall, G., Plomgaard, P., & Febbraio, M. A. (2003). Muscle-derived interleukin-6: lipolytic, anti-inflammatory and immune regulatory effects. Pflugers Archiv : European journal of physiology, 446(1), 9–16. <https://doi.org/10.1007/s00424-002-0981-z>

Pedersen BK, Febbraio MA (2008). Muscle as an endocrine organ. J Clin Invest, 116(5):1152–1160.

Pedersen BK, Febbraio MA (2012). Muscle-derived interleukin-6: a possible link between skeletal muscle, adipose tissue, liver, and brain. Brain Behav Immun, 26(6):769–776.

Phillips C et al. (2014). Brain-derived neurotrophic factor, exercise and brain health. Psychiatr Danub, 26(Suppl 3):122–127.

Rejeski WJ, Mihalko SL (2001). Physical activity and quality of life in older adults. J Gerontol A Biol Sci Med Sci, 56(Suppl 2):23–35.

Wang, H., He, W., Chen, P., Wang, H., Wang, H., Zhu, L., & Liu, X. (2025). Exerkines and myokines in aging sarcopenia. Frontiers in endocrinology, 16, 1592491. <https://doi.org/10.3389/fendo.2025.1592491>

Wolfe RR (2006). The underappreciated role of muscle in health and disease. Am J Clin Nutr, 84(3):475–482.

Xue, M., Liao, C., Liu, Y., Tian, W., & Liao, L. (2025). Myokines in Aging: A Multi-Organ Network Perspective. Aging and disease, 10.14336/AD.2025.1040. Advance online publication. <https://doi.org/10.14336/AD.2025.1040>

Zurlo F et al. (1990). Skeletal muscle metabolism is a major determinant of resting energy expenditure. *J Clin Invest*, 86(5):1423–1427.