

Nutritional solutions to support healthy aging and add more life to years

As years go by, we face different aging experiences

	Very fit	Doing well & capable	Independent but getting tired	Vulnerable & frail
Physical & physiological changes^{1,2}	Very active & energetic	Muscle mass decline starts No active disease symptoms	Increased risk of CVD Loss of bone density and accelerated muscle mass decline	Multiple chronic diseases or conditions Evident loss of motor skills Decline in vision and hearing abilities
Cognitive changes^{2,3}	Optimal cognitive skills	Decrease in reaction time	Decline in working memory	Decline of cognitive function, e.g. long-term memory Progressive frailty and imperment
Gut changes⁴		Reduction of microbial diversity	Reduced digestive function	Dysbiosis and higher risk of infections

Our solution portfolio offer key health benefits along the aging journey

With vitamins and mineral premix to support the nervous system and life's™**OMEGA** for the brain function⁵



Premix with **Glycare 2'-FL** to promote beneficial bacteria and support a healthy gut microbiota⁶⁻⁸



With a premix containing **vitamin D, leucine, boosted with CanolaPRO®** to support bones and muscle protein synthesis, thus maintaining mobility^{5,9}



Macro-solutions to support frail elderly with malnutrition



Contact us on **PartnerWithDSM.com**

YOUR END-TO-END PARTNER
PRODUCTS CUSTOMIZED SOLUTIONS EXPERT SERVICES

¹ Mitchell W.K., et al. Front Physiol. 2012; 3:260 ² Bee, H.L. and Bjorklund, B.R. The Journey of adulthood. Ch. 12. 2000. ³ Singh-Manoux A., et al. BMJ. 2012; 344:d7622. ⁴ Arbolea, S. et al. Front. Microbiol. 2016 7: 5. ⁵ European Comission. EU Register of Health Claims. 2023. ⁶ Yu, Z.T., C. Chen, and D.S. Newburg Glycobiology. 2013; 23(11):1281-92. ⁷ Azagra-Boronat I., et al. Cells. 2019; 8(8):876. ⁸ Van den Abbeele, P., et al. Human milk oligosaccharides (HMOs) distinctly impact adult's and children's gut microbial communities and metabolite production. Probiota, 2023. ⁹ Bauer J., et al. JAMDA. 2013; 14(8): 542-559