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Maastricht University

Groen et al., PLOS One 2016





































Conclusions Muscle tissue remains responsive to anabolic effects of protein and exercise throughout life, but tailored approach is likely needed: Protein dose requirements for maintaining and increasing muscle mass and function are increased in elderly - Ingesting 1.2 – 1.5 g/kg body mass per day - Ingesting 25 – 30 g with each main meal - Ingesting protein close to physical activity and / or before sleep Protein supplementation can have isolated benefits for muscle mass and/or function Combining protein with exercise provides strongest stimulus for

Combining protein with exercise provides strongest stimulus for maintenance and even improvement of muscle mass and function.

