

# Enhanced Protein Translation Underlies Improved Metabolism Different Exercise Training Modes in Young and Old Humans

Cell Metabolism

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Limits of Exercise Physiology: From Performance to Health. <i>Cell Metabolism</i> , 2017, 25, 1000-1011.	7.2	113
2	Towards ageing well: Use it or lose it: Exercise, epigenetics and cognition. <i>Biogerontology</i> , 2017, 18, 679-691.	2.0	51
3	Exercise training response heterogeneity: physiological and molecular insights. <i>Diabetologia</i> , 2017, 60, 2329-2336.	2.9	109
4	Skeletal muscle mitochondrial protein synthesis and respiration in response to the energetic stress of an ultra-endurance race. <i>Journal of Applied Physiology</i> , 2017, 123, 1516-1524.	1.2	21
5	Physical activity, sedentary behaviour, diet, and cancer: an update and emerging new evidence. <i>Lancet Oncology</i> , The, 2017, 18, e457-e471.	5.1	431
6	Aerobic exercise elevates markers of angiogenesis and macrophage IL-6 gene expression in the subcutaneous adipose tissue of overweight-to-obese adults. <i>Journal of Applied Physiology</i> , 2017, 123, 1150-1159.	1.2	38
7	Protein-Rich Food Ingestion Stimulates Mitochondrial Protein Synthesis in Sedentary Young Adults of Different BMIs. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3415-3424.	1.8	23
8	Externally regulated programmed aging and effects of population stress on mammal lifespan. <i>Biochemistry (Moscow)</i> , 2017, 82, 1430-1434.	0.7	4
9	Combined Interval Training and Post-exercise Nutrition in Type 2 Diabetes: A Randomized Control Trial. <i>Frontiers in Physiology</i> , 2017, 8, 528.	1.3	32
10	Impact of Resistance Training on Skeletal Muscle Mitochondrial Biogenesis, Content, and Function. <i>Frontiers in Physiology</i> , 2017, 8, 713.	1.3	104
11	Resistance Training with Co-ingestion of Anti-inflammatory Drugs Attenuates Mitochondrial Function. <i>Frontiers in Physiology</i> , 2017, 8, 1074.	1.3	9
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13	Assessing the Value of Systematic Cycling in a Polluted Urban Environment. <i>Climate</i> , 2017, 5, 65.	1.2	8
14	Carbohydrate-Restriction with High-Intensity Interval Training: An Optimal Combination for Treating Metabolic Diseases?. <i>Frontiers in Nutrition</i> , 2017, 4, 49.	1.6	12
15	Mitochondrial (Dys) Function in Inflammaging: Do MitomiRs Influence the Energetic, Oxidative, and Inflammatory Status of Senescent Cells?. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	1.4	48
16	SerÃ¡ a combinaÃ§Ã£o dos treinamentos intervalado e resistido mais efetiva sobre a aptidÃ£o fÃsica em adultos? Uma revisÃ£o sistemÃtica e metanÃlise. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2017, 19, 618.	0.5	0
17	The Science and Translation of Lactate Shuttle Theory. <i>Cell Metabolism</i> , 2018, 27, 757-785.	7.2	687
18	The Necessity of Active Muscle Metabolism for Healthy Aging: Muscular Activity Throughout the Entire Day. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 155, 53-68.	0.9	4

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20	Intermittent exercise and insulin sensitivity in older individualsâ€”It's a <sc>HIIT</sc>. Acta Physiologica, 2018, 222, e13054.	1.8	5
21	Inter-individual variation in adaptations to endurance and resistance exercise training: genetic approaches towards understanding a complex phenotype. Mammalian Genome, 2018, 29, 48-62.	1.0	34
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85	Physical Activity Associated Proteomics of Skeletal Muscle: Being Physically Active in Daily Life May Protect Skeletal Muscle From Aging. <i>Frontiers in Physiology</i> , 2019, 10, 312.	1.3	70
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128	Human Skeletal Muscle Mitochondrial Adaptations Following Resistance Exercise Training. <i>International Journal of Sports Medicine</i> , 2020, 41, 349-359.	0.8	47
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131	Exercise adaptations: molecular mechanisms and potential targets for therapeutic benefit. <i>Nature Reviews Endocrinology</i> , 2020, 16, 495-505.	4.3	101
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158	Skeletal muscle transcriptome in healthy aging. Nature Communications, 2021, 12, 2014.	5.8	56
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