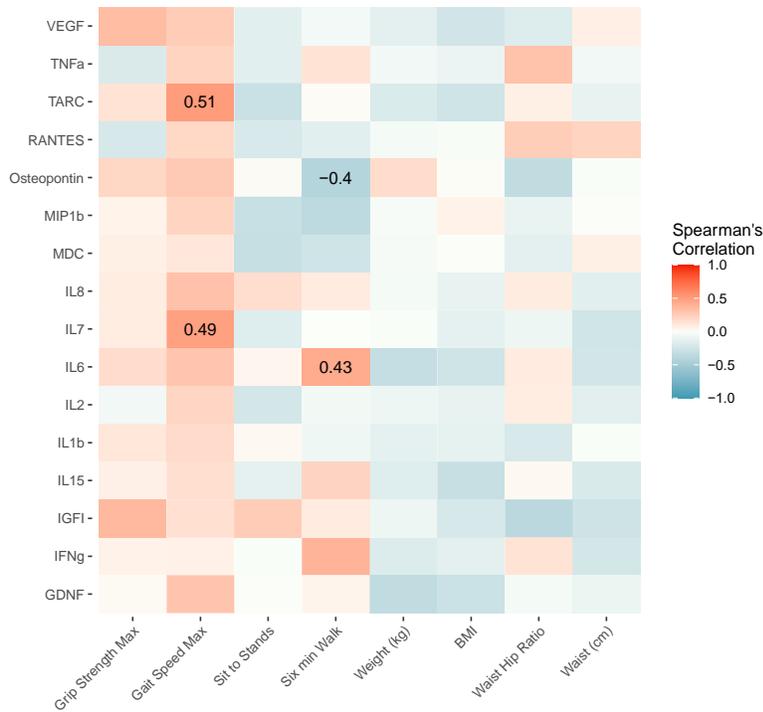


	Non-responder (n=16)	Responder (n=16)	Overall (n=32)	p-value
SASP Markers (pg/mL)				
GDNF	4079.2 (14522.7)	7593.7 (19036.9)	5836.5 (16751.0)	0.56
IFN γ	5026.4 (8255.8)	3700.8 (5143.2)	4363.6 (6799.5)	0.59
IGF1	3617.8 (13146.4)	6103.0 (15868.2)	4860.4 (14389.6)	0.63
IL15	11837.2 (38783.5)	14050.3 (31452.7)	12943.7 (34752.9)	0.86
IL1 β	2866.6 (10120.9)	7453.4 (19411.7)	5160.0 (15405.3)	0.41
IL2	4130.6 (6762.8)	3270.3 (4589.7)	3700.4 (5702.1)	0.68
IL6	8489.2 (11509.7)	6384.8 (6545.5)	7437.0 (9272.2)	0.53
IL7	25144.2 (84402.9)	18967.6 (41444.9)	22055.9 (65482.9)	0.80
IL8	17530.7 (42506.1)	11762.7 (21989.6)	14646.7 (33418.6)	0.63
MDC	11425.2 (23687.3)	8216.5 (7061.2)	9820.9 (17270.7)	0.61
MIP1 β	22879.1 (37013.9)	22063.6 (21836.7)	22471.3 (29896.8)	0.94
Osteopontin	44253.2 (40813.7)	36483.6 (34251.7)	40368.4 (37272.7)	0.56
RANTES	243036.2 (20356.1)	249838.0 (32275.7)	246437.1 (26767.5)	0.48
TARC	26147.4 (12736.5)	30412.5 (17370.0)	28279.9 (15138.7)	0.44
TNF α	6039.3 (9213.9)	3449.1 (2207.6)	4744.2 (6720.7)	0.28
VEGF	1780.5 (4946.9)	1820.4 (3605.4)	1800.5 (4258.1)	0.98

352 BMI: Body Mass Index (kg/m²), GDNF: Glial Cell Derived Neurotrophic Factor, IFN γ :
353 Interferon Gamma, IGF1: Insulin-like Growth Factor 1, IL15: Interleukin 15, IL1 β : Interleukin
354 1-Beta, IL2: Interleukin 2, IL6: Interleukin 6, IL7: Interleukin 7, IL8: Interleukin 8, MDC:
355 Macrophage-Derived Chemokine, MIP1 β : Macrophage Inflammatory Protein 1-Beta, TARC:
356 Thymus- and Activation-Regulated Chemokine, TNF α : Tumor Necrosis Factor Alpha, VEGF:
357 Vascular Endothelial Growth Factor, RANTES: Regulated upon Activation, Normal T Cell
358 Expressed and Presumable Secreted

359 **Supplemental Figure 1. Correlation between change in each cytokine and change in**
 360 **outcome. Significant correlations are shown.**



361

362 BMI: Body Mass Index (kg/m²), GDNF: Glial Cell Derived Neurotrophic Factor, IFN γ : Interferon

363 Gamma, IGF1: Insulin-like Growth Factor 1, IL15: Interleukin 15, IL1 β : Interleukin 1-Beta, IL2:

364 Interleukin 2, IL6: Interleukin 6, IL7: Interleukin 7, IL8: Interleukin 8, MDC: Macrophage-

365 Derived Chemokine, MIP1 β : Macrophage Inflammatory Protein 1-Beta, TARC: Thymus- and

366 Activation-Regulated Chemokine, TNF α : Tumor Necrosis Factor Alpha, VEGF: Vascular

367 Endothelial Growth Factor, RANTES: Regulated upon Activation, Normal T Cell Expressed and

368 Presumable Secreted

369

370 Heat-map showing Spearman's correlation between changes SASP cytokines and change in both

371 physical function and anthropometrics. Only significant associations are shown. Correlation

372 greater than zero signify direct associations and correlations less than zero signify inverse

373 associations. Changes in TARC and IL7 were directly related to changes in maximum gait speed.

374 IL6 was directly related to 6MW. Osteopontin showed the only significant inverse correlation and

375 was associated with 6MW.

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