





References:

[1] Arnsten, A. F. (2009). Stress signalling pathways that impair prefrontal cortex structure and function. 464 Nature reviews neuroscience, 10(6), 410-422. [2] Clark, R. L., & Ritter, B. M. (2020). How are employers responding to an aging workforce? The Gerontologist, 60(8), 1403-1410 [3] Yoon, T., Keller, M. L., De-Lap, B. Harkins, A., Lepers, R., & Hunter, S. K. (2009). Sex 789 differences in response to cognitive stress during a fatiguing contraction. Journal of Applied 790 Physiology, 107(5), 1486-1496.



Nguyen's LinkedIn





First data of a young male and a female subject was collected using the approved study protocol.

Male		Female	
С	S	С	S
54 min	59 min	23.5 min	25 min
28.04%	16.86%	11.75%	12.43%
20%	120%	25%	90%
6.7%	4.8%	2.7%	4.2%
Biceps Motor Evoked Potential Pre-FT Post-FT			
	Stress Co	ontrol Stre	ss
Iviale	Male Female 1		

> As per the literature, the influence of stress on fatigue > Preliminary results show that central fatigue is higher

Stress affects central mechanisms of fatigue for females





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