

Review of: "Translational Mobility Medicine and Ugo Carraro: A Life of Significant Scientific Contributions Reviewed in Celebration"

Sheila Schils

Potential competing interests: No potential competing interests to declare.

Topic 5. Muscle apoptosis: A debated issue.

~~Prof. Carraro prefers to go against the tide, and this characteristic (in addition to having gotten him into trouble at times) led to a change in direction toward an exciting area of research: muscle apoptosis.~~

Maybe change to something like this:

Prof. Carraro has always challenged the current trends in research for the purpose of advancement. An example of how this questioning of previously accepted theories has led to major scientific advancements, Prof. Carraro has been responsible for developing an exciting new area of research: muscle apoptosis.

1.3

Maybe add this to the end of this section:

Prof. Carraro was asked in 2014 to assist in the first interpretations of equine muscle cell histology as a result of FES. This cooperative work led to the findings that FES was safe and effective for use in muscle conditioning (119 citation) and improved the overall density and distribution of mitochondria within the muscle cell structure (Schils et al, 2015).

Schils S, Carraro U, Turner T, Ravara B, Gobbo V, Kern H, Gelbmann L, Pribyl J. Functional Electrical Stimulation (FES) for equine muscle hypertonicity: histological changes in mitochondrial density and distribution. J of Equine Vet Sc 2015, 35:907-916.