

RESPONSE LETTER

- **Response to 00225357:** “The sentence: “Potential mechanisms have been proposed to explain cTn elevations after prolonged or strenuous exercise, but actually, the release of cTn by healthy individuals cannot be explained by any of these theories” needs a reference or a brief discussion on the mechanisms leading to the increase of cTn”. I have added a reference. I have rephrased the sentence “Several studies have been identified DGE in extensively trained veteran athletes” with “several studies have identified the presence of DGE in the heart of extensively trained veteran athletes”. Thank you so much for your comments.
- **Response to 00699199:** I’m pleased you liked my review. Thank you so much for your comments.
- **Response to 01206034:** 1) Nowadays, there aren’t explanations about “athlete’s heart is physiological despite results of recent studies where myocardial damage during intense exercise and RV inflammation and fibrosis in long-term endurance athletes”. Recent studies have shown myocardial damage during intense exercise and RV inflammation and fibrosis in long term endurance athletes, but data in literature are scarce. 2) Ischemic core hypothesis is a theory to explain necrosis and necrosis in hypertrophy in general and in athlete’s heart. I have added a sentence to explain the relationship. 3) The description of IGF1, ET1 and Angiotensin II elevation details in pathological and physiological conditions are beyond the scope of this review. 4) I think that the last paragraph is related to athlete’s heart, because the energy drink consumption can determine pathological cardiac alterations, that can make the differential diagnosis, between athlete’s heart and physiological conditions, difficult. 5) I have added another mechanism of cTn release. Thank you so much for your comments.
- **Response to 00227594:** thanks for the suggestions.
- **Response to 02638028:** I have changed Table 2. Thank for your suggestions.

- **Response to 02446694:** “I have only one question regarding word. Page 7 line 6. Is “Autocrine e paracrine” right?”. Yes. Thanks!!!!.