Macapá, may 25th, 2017

## Dear Professor Nuno Domingos Garrido,

Editor-in-Chief of the Journal Motricidade.

We would like to submit the manuscript entitled “Stratification of the level of aerobic fitnessbased on Heart Rate Variability Parameters in Adults Males at Rest**” as original paper** for the appreciation of the Journal Motricidade*.*

This study aimed at identifying subjects with differentmaximum oxygen uptake based on resting heart rate variability (HRV) analysis and the phase-rectified signal averaging method. The logistic regression model was suitably adjusted to maximal aerobic power data from young healthy males, previously dichotomized into two groups. This represents an important step to stratify the degree of aerobic fitness without the need of a maximum stress test, with potential application to subjects who could not be submitted to such exercise.

This work was presented to Ethics Committee of the Institution and the experimental design was fully approved. We also declare that the research described in the present paper was carried out in conformity with the Helsinki Declaration. In addition, we guarantee that the present manuscript is an original article and it was not previously published neither submitted elsewhere.

The authors declare no conflict of interest.

Yours sincerely,

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