Letter to the Editor
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DOI:
10.1152/japplphysiol.00932.2017

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Citation for published version (Harvard):

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Published version available at: https://doi.org/10.1152/japplphysiol.00932.2017

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Download date: 22. Feb. 2021
Correction to Tsuji 2017  

Tsuji 2017  Jappl Physiol (doi 10.1152/japplphysiol.00232.2017 state on page 3 

“we are the first to demonstrate that hyperthermia-induced hyperventilation is not suppressed by the resultant hypocapnia” 

This is incorrect. 

Many previous studies in humans and other species have shown hyperthermia sustaining breathing and furthermore at PCO$_2$ levels lower than Tuji achieved. Thus (Cunningham & O’Riordan, 1957) showed that hyperthermia in Man by 2.9 °C stimulated breathing at PCO$_2$ levels of 25 mmHg, (Iampietro et al., 1961) showed hyperthermia in Man by 3°F stimulated breathing with a PCO$_2$ fall of 25 mmHg, (Rowell et al., 1969) showed hyperthermia in Man by 1.5°C stimulated breathing with a PCO$_2$ fall to 27 mmHg, (Saxton, 1975) showed hyperthermia in Man by 2.5°F stimulated breathing with a PCO$_2$ fall to 22 mmHg and (Boden et al., 2000) showed hyperthermia at 39.5 °C restarting breathing during hypocapnic apnea at 11 mmHg.

Yours 

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