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PII: S0306-4565(16)30400-4
DOI: <http://dx.doi.org/10.1016/j.jtherbio.2017.03.008>
Reference: TB1909

To appear in: *Journal of Thermal Biology*

Received date: 27 November 2016
Revised date: 13 March 2017
Accepted date: 13 March 2017

Cite this article as: Yong-Lu Yang, Xin Liu, Rong Luo, Jian-Hui Xu and Chang Liu, Sinoaortic denervation attenuates vasopressin-induced hypothermia and reduction of sympathetic nerve activity innervating brown adipose tissue in rats *Journal of Thermal Biology*, <http://dx.doi.org/10.1016/j.jtherbio.2017.03.008>

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ABSTRACT

It is well known that sympathetic nerve activity innervating brown adipose tissue (BAT sympathetic nerve activity) plays an important role in BAT thermogenesis. We have found that peripheral administration of arginine vasopressin (AVP) induced hypothermia by reduced thermogenesis in BAT. However, little is known about AVP-induced hypothermic response and its relationship with BAT sympathetic nerve activity. Because increases in baroreceptor inputs inhibit peripheral sympathetic

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