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Retraction

Norris SM, Bombardier E, Smith IC, Vigna C, Tupling AR. ATP consumption by sarcoplasmic reticulum Ca^{2+} pumps accounts for 50% of resting metabolic rate in mouse fast and slow twitch skeletal muscle. *Am J Physiol Cell Physiol* 298: C521–C529, 2010; doi: 10.1152/ajpcell.00479.2009.

This article is being retracted, in agreement with all authors, due to data fabrication. The first author of this paper, Sarah Michelle Norris, has acknowledged that she fabricated data on the effects of cyclopiazonic acid (CPA), a highly specific inhibitor of sarco(endo)plasmic reticulum Ca^{2+} -ATPases (SERCAs), on resting oxygen consumption of isolated mouse muscles, in order to report a positive experimental outcome. The actual experimental data show that CPA (even 15 μM) had no effect on muscle oxygen consumption but the first author reported a progressive reduction in muscle oxygen consumption with increasing CPA concentrations peaking at a 50% reduction with 10 μM CPA. None of the co-authors participated in or had knowledge of the first author's actions.