Letter to the editor: “KDAC and the regulation of nonnuclear smooth muscle protein acetylation”

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TO THE EDITOR: We were intrigued to read the paper recently published by Li et al. (4) entitled “Histone deacetylase 8 regulates cortactin deacetylation and contraction in smooth muscle tissues.” The posttranslational modification of nonnuclear smooth muscle proteins by acetylation is emerging as an important regulatory mechanism, and our attention was drawn to several aspects of the article.

First, the authors used the pan-HDAC inhibitor XXIV (as indicated by information provided by the commercial source of the compound: http://www.emdmillipore.com/GB/en/product/HDAC-Inhibitor-XXIV%2C-OSU-HDAC-44—Calbiochem, EMD_BIO-382181?CategoryName=000000260000095e400020023 &CategoryDomainName=Merck-MerckMillipore#anchor_PDS), yet claimed it to yield information specific to HDAC8. This seemed particularly pertinent for KDAC8.

In summary, we welcome the contributions of Li et al. (4) to the topic of smooth muscle protein modification by KDACs, yet suggest it should not go unnoticed that much of the merit of this article is to add information to an already existing body of work on this topic.

DISCLOSURES
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AUTHOR CONTRIBUTIONS
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REFERENCES