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#### Meet the Inventors

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#### Department

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Pharmacology and Cancer Biology

## A novel target for therapeutic intervention of muscle atrophy

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The present invention provides methods and compositions for modulating HDAC4 activity and modulating the activity of proteins downstream of HDAC4 in the muscle transcriptional pathway in a cell by modulating HDAC4 activity. Further provided are methods and compositions for treating muscle atrophy and/or inflammation by inhibiting HDAC4 activity.

